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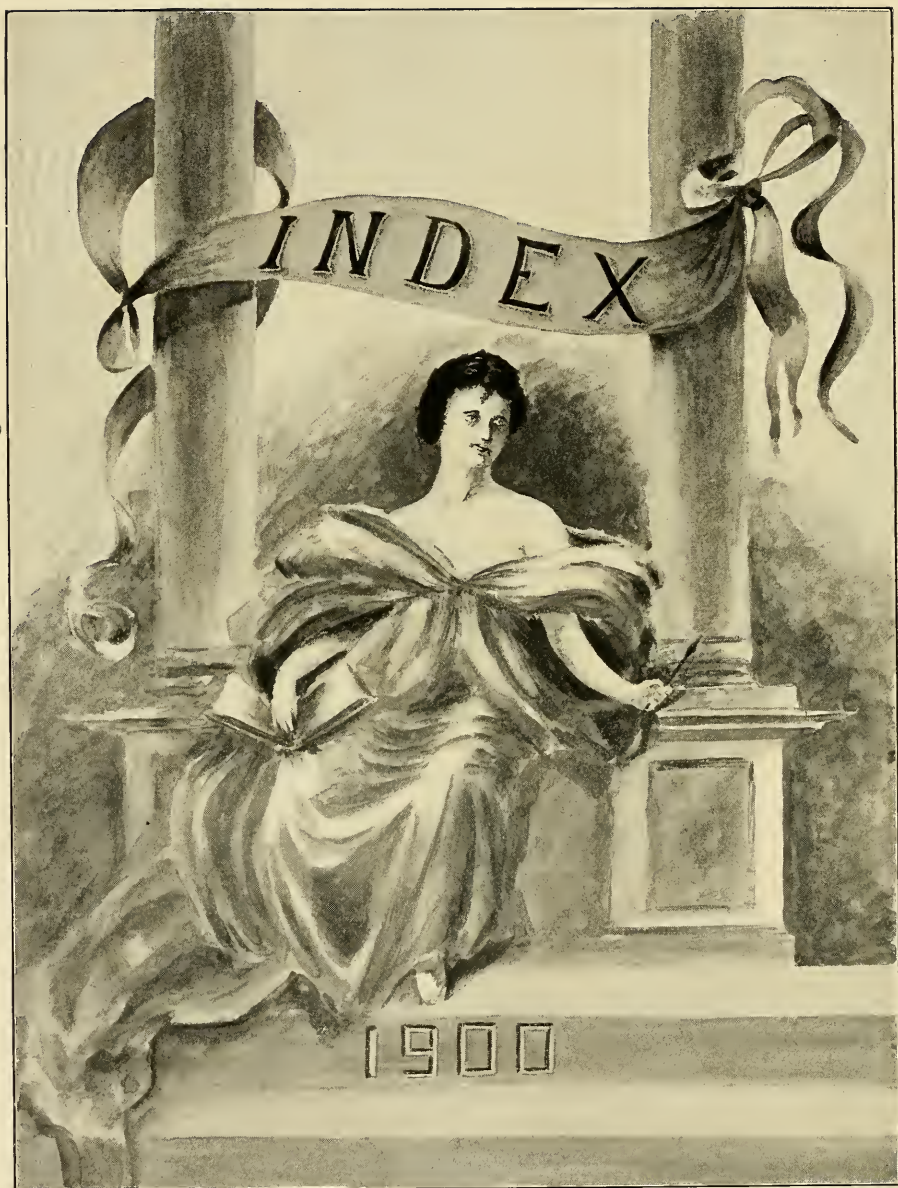




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THE INDEX

Published Annually by
THE JUNIOR CLASS

OF THE

Massachusetts Agricultural College



VOLUME XXX.

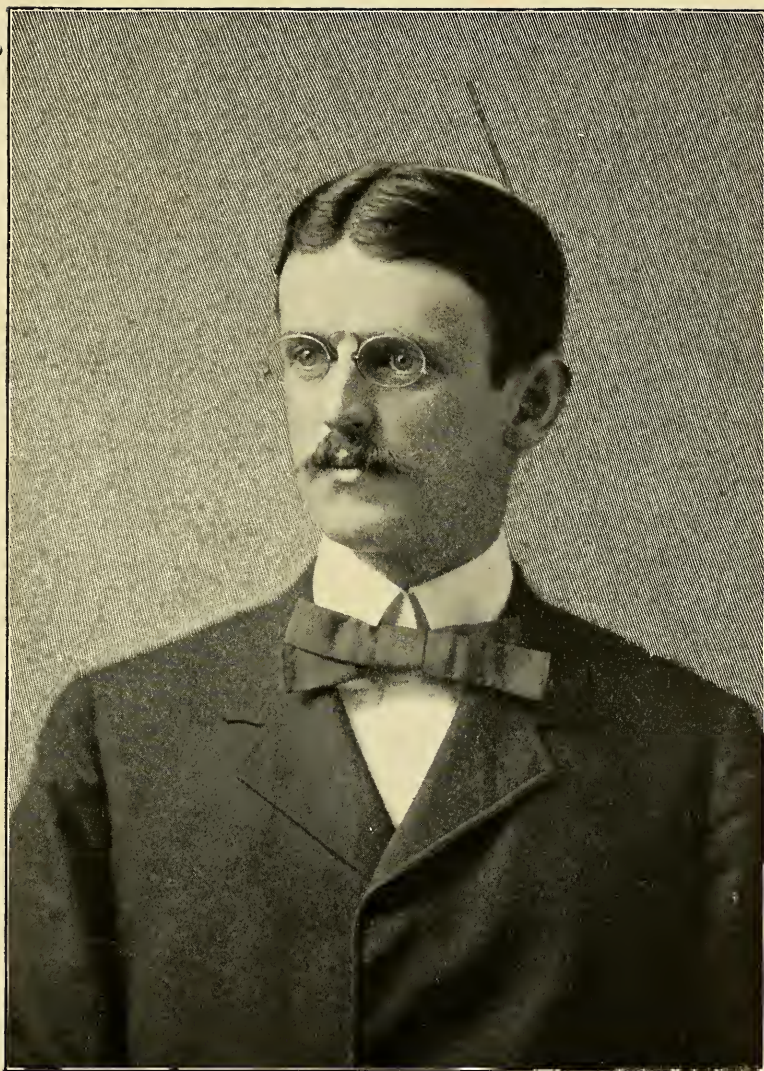


Amherst, Massachusetts,
December, 1898.

cop. 2

To Him
whom we respect and esteem
as a gentleman of high character and a professor
of ability, we respectfully dedicate
this Volume.

PROFESSOR PHILIP B. HASBROUCK.



Philip B. Hasbrouck, Jr.

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MAY 24 1921



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Calendar.



1899.

Wednesday, January 4th	Winter term begins.
Thursday, March 23d	Winter term closes.
Wednesday, April 5th	.	.	.	.	Spring term begins.
Wednesday, June 21st	.	.	.	.	Commencement.
Thursday, September 7th	.	.	.	.	Fall term begins.
Thursday, December 21st	.	.	.	.	Fall term closes.

1900.

Wednesday, January 3d	.	.	.	.	Winter term begins.
Thursday, March 22d	.	.	.	.	Winter term closes.

Presentation.



*"If any of us speak well, applaud him;
If any speak ill, applaud him too."*



VERY book has an introduction, and it would not do for Volume XXX. of the INDEX to omit that important opening, although we are all well aware that few pause to read the preface. In fact we ourselves have never read one till it became necessary to do so, in order that we might know what an introduction really is, and what it should contain.

It was solely with this purpose in view that we perused, with great care, the opening pages of twenty-nine volumes of the "Aggie Annual," and you can imagine with what astonishment, and we may say bewilderment, we found the introductions almost identical in each. We were bewildered to know why this was so: was there some unwritten law which we must follow in writing our introduction, that in it we must boast of our many fine points, of our originality, and of our superiority over all other similar works; and must we copy that time-worn twenty-nine times repeated saying, "We have anticipated for you a little surprise; viz., its enlargement, new form of cover, and improved general appearance," or, "We wish to call particular attention to the originality of our work"? etc.

Now, originality *is* the great feature of our work, and we cannot be an originalist and a copyist at the same time; so we will forbear the use of such expressions, and simply say: We have tried to please; we have tried to arrange our statistics in as interesting a manner as possible; we have tried to bring to your notice the improvements about college and the progress which our Alma Mater has made during the year; we have also tried to recall to your memory the many little happenings,—the little incidents, accidents, and slips in a manner pleasing to every one. We have endeavored to tell you something about *all* the prominent men in college; and if by chance the name of one has been omitted who conscientiously feels that his prominence entitles him to mention, to him we say, Forgive us; it was an oversight, due undoubtedly to our lack of experience.

Trusting we will receive the hearty support of our fellow-students and the friends of the College, and hoping that our efforts will be appreciated, that our defects will be overlooked, we present this — the Thirtieth Volume of the INDEX.

Philip B. Hasbrouck.



HE one to whom this publication is dedicated, in appreciation of his earnest zeal in behalf of our College, was born in Libertyville, Ulster County, New York, in 1870. Philip B. Hasbrouck received his first education at the New York State Normal School, in New Paltz, and from there entered Rutgers College, New Brunswick, New Jersey, in the fall of 1889. While in college he pursued the scientific course, and at the beginning of his sophomore year he elected mathematics and civil engineering, which studies he made his specialties during his entire course, and in which he obtained a very high standing. His college social life was much benefited, in that he was a member of the Chi Psi Fraternity. After being graduated he was secretary to the director of the Maryland Agricultural Experiment Station; a position which he continued to hold until April, 1895, when he was appointed to fill the vacancy of Assistant Professor of Mathematics in our own Alma Mater, and in June following he was elected to the same position. During the summer of 1897 he took a special laboratory course in physics at Cornell University, that he might the better fulfill his position here. On June 30, 1897, he was married to Miss Carrie Van Valin.

In Professor Hasbrouck we feel that we have one who is ever exerting his utmost to further the interests of our College, and also the interests of the students. Since he has been among us he has placed his department of Mathematics upon that firm basis where it never rested before. As an example of his untiring efforts we have a newly equipped physical laboratory. In the preparation of this room, and obtaining modern apparatus for its equipment, he has spent many a valuable hour that we students might have better facilities to study nature's laws. Whereas, before we had practically no physical laboratory, we now have one which is no very mean affair.

Though uneventful his life has been,
And not among the great he's seen,
(All cannot be so blessed,)
As one among the rest,
He serves his God the best,
By serving him without complaint
In this, his lowly test.

C. A. C.

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HENRY H. GOODELL, M.A., LL.D.,

President of the College, and Professor of Modern Languages and English Literature; also Director of the Hatch Experiment Station, and Librarian.

Amherst College, 1862. Ψ. T. LL.D., Amherst College, 1891. Instructor in Williston Seminary, 1864-67. Professor of Modern Languages and English Literature at Massachusetts Agricultural College since 1867. President of the College since 1886.

LEVI STOCKBRIDGE,

Professor of Agriculture (Honorary).

As a member of the Board of Agriculture, he did his best to induce the Legislature to accept the original grant of Congress for the establishing of an Agricultural College in each State. In 1866 he was invited to take charge of the College property, and in November commenced operations. Instructor in Agriculture at Massachusetts Agricultural College, 1867-68. Professor of Agriculture, 1868-82, and also, 1888-89. Acting President, 1876-77, and again in 1879. President, 1880-82.

CHARLES A. GOESSMANN, Ph.D., LL.D.,

Professor of Chemistry, and Chemist for the Hatch Experiment Station.

University of Göttingen, 1853, with degree, Ph.D., LL.D., Amherst College, 1889. Assistant Chemist, University of Göttingen, 1852-57. Chemist and manager of a Philadelphia Sugar Refinery, traveling extensively in Cuba and the South, in the interests of the Sugar Industry, 1857-61. Chemist to Onondaga Salt Company, 1861-68; during that time investigating the salt resources of the United States and Canada. Professor of Chemistry, Rensselaer Polytechnic Institute, 1862-64. Director Massachusetts Agricultural Experiment Station, 1882-94. Professor of Chemistry, Massachusetts Agricultural College, since 1868. Since 1884 has been Analyst for State Board of Health.

SAMUEL T. MAYNARD, B.S.,

Professor of Horticulture, and Horticulturist for the Hatch Experiment Station.

Massachusetts Agricultural College, 1872. Associate Professor of Horticulture, Massachusetts Agricultural College, 1874-79. Professor of Botany and Horticulture, and Instructor of Microscopy and Drawing at Massachusetts Agricultural College, 1879-95. Professor of Horticulture at Massachusetts Agricultural College, since June, 1895.

CHARLES WELLINGTON, B.S., PH.D.,

Associate Professor of Chemistry.

Massachusetts Agricultural College, 1873. D. G. K. Graduate student in Chemistry, Massachusetts Agricultural College, 1873-76. Student in University of Virginia, 1876-77. Ph.D., University of Göttingen, 1885. Assistant Chemist, United States Department of Agriculture, Washington, D. C., 1876. First Assistant Chemist, Department of Agriculture, 1877-82. Associate Professor of Chemistry at Massachusetts Agricultural College since 1885.

CHARLES H. FERNALD, M.A., PH.D.,

Professor of Zoölogy, and Entomologist for Hatch Experiment Station.

Bowdoin College, 1865. Ph.D., Maine State College, 1886. Studied in the Museum of Comparative Zoölogy at Cambridge, and under Louis Agassiz on Penekese Island. Also traveled extensively in Europe, studying insects in various museums. Principal of Litchfield Academy, 1865. Principal of Houlton Academy, 1865-70. Chair of Natural History, Maine State College, 1871-86. Professor of Zoölogy at Massachusetts Agricultural College since 1886.

REV. CHARLES S. WALKER, PH.D.,

Professor of Mental and Political Science, and Secretary of the Faculty; also College Chaplain.

Yale University, 1867. Φ. B. K. M.A. and B.D., Yale University, 1870. Ph.D., Amherst College, 1885. Professor of Mental and Political Science, and Chaplain at Massachusetts Agricultural College since 1886.

WILLIAM P. BROOKS, B.S., PH.D.,

Professor of Agriculture, and Agriculturist for Hatch Experiment Station.

Massachusetts Agricultural College, 1875. Φ. S. K. Post-graduate Massachusetts Agricultural College, 1875-76. Professor of Agriculture and Director of Farm, Imperial College of Agriculture, Sapporo, Japan, 1877-78; also Professor of Botany, 1881-88. Acting President, Imperial College, 1880-83 and 1886-87. Professor of Agriculture at Massachusetts Agricultural College, and Agriculturist for the Hatch Experiment Station since January, 1889. Ph.D., Halle, 1897.

GEORGE F. MILLS, M.A.,

Professor of English.

Williams College, 1862. A. Δ. Φ. Associate Principal of Greylock Institute, 1862-82. Principal of Greylock Institute, 1882-89. Professor of Latin and English at Massachusetts Agricultural College, 1890-96. Professor of English at Massachusetts Agricultural College since June, 1896.

JAMES B. PAIGE, B.S., D.V.S.,

Professor of Veterinary Science, and Veterinarian for the Hatch Experiment Station.

Massachusetts Agricultural College, 1882. Q. T. V. On farm at Prescott, 1882-87. D. V. S., Faculty of Comparative Medicine and Veterinary Science,

McGill University, 1888. Practiced at Northampton, 1888-91. Professor of Veterinary Science at Massachusetts Agricultural College since 1891. Took course in Pathological and Bacteriological Department, McGill University, summer 1891. Took course at Veterinary School in Munich, Germany, 1895-96.

JOHN E. OSTRANDER, A.M., C.E.,

Professor of Mathematics and Civil Engineering.

A.B. and C.E., Union College, 1886; A.M., 1889. Assistant on Sewer Construction, West Troy, N. Y., 1886; Assistant on Construction, Chicago, St. Paul and Kansas City Ry., 1887. Draughtsman with Phoenix Bridge Co., 1887. Assistant in Engineering Department, New York State Canals, 1888-91. Instructor in Civil Engineering, Lehigh University, 1891-92. Engineer for Contractor, Alton Bridge, summer of 1892. Professor of Civil Engineering and Mechanic Arts, University of Idaho, 1892-97. Associate Member American Society of Civil Engineers, Member American Institute of Mining Engineers, Member Society for the Promotion of Engineering Education, Professor of Mathematics and Civil Engineering at the Massachusetts Agricultural College since July, 1897.

GEORGE E. STONE, B.S., Ph.D.,

Professor of Botany, and Botanist for the Hatch Experiment Station.

Massachusetts Agricultural College, 1882-84. Φ . Σ . K. Massachusetts Institute of Technology, 1884-89. In the summer of 1890 had charge of the Botany Classes at the Worcester Summer School. Leipsic University, 1891-92, Ph.D. Studied in the Physiological Laboratory of Clark University, 1893. Assistant Professor of Botany at Massachusetts Agricultural College, 1893-95. Professor of Botany at Massachusetts Agricultural College since July, 1895. B.S., Massachusetts Agricultural College, 1897.

W. M. WRIGHT,

First Lieutenant, Second Infantry, U. S. A., Professor of Military Science.

Attended United States Military Academy, 1882-83. Appointed Second Lieutenant, Second Infantry, Jan. 19, 1885. Has served in Idaho, Washington, and Nebraska. Graduated from Infantry and Cavalry School for Officers, at Fort Leavenworth, Kansas, in June, 1891. Appointed Regimental Adjutant, May, 1892. Professor of Military Science at Massachusetts Agricultural College since August, 1896.

HERMAN BABSON, M.A.,

Assistant Professor of English.

Amherst College, 1893. X. Ψ . A. B. Amherst College, 1896, M.A. Assistant Professor of English at Massachusetts Agricultural College since June, 1893.

EDWARD R. FLINT, B.S., Ph.D.,


Assistant Professor of Chemistry.

Massachusetts Agricultural College, 1887. Q. T. V., B.S. Assistant Chemist, State Experiment Station, 1887-90. University of Göttingen, Germany, 1890-92, Ph.D. Analytical Chemist, Boston, 1892-93. Assistant Professor of Chemistry at Massachusetts Agricultural College since June, 1893.

FRED S. COOLEY, B.S.,

Assistant Professor of Agriculture.

Massachusetts Agricultural College, 1888. $\Phi. \Sigma. K.$ Teacher in public school at North Amherst, 1888-89. Assistant Agriculturist at Hatch Experiment Station, 1889-90. Farm Superintendent at Massachusetts Agricultural College, 1890-93. Assistant Professor of Agriculture at Massachusetts Agricultural College since 1893.

 RICHARD S. LULL, M.S.,

Assistant Professor of Zoölogy and Entomology.

Rutgers College, 1893. $X. \Psi.$, B.S. Rutgers College, 1896, M.S. Special Agent, Scientific Field Corps, U. S. Department of Agriculture, Division of Entomology, 1893. Assistant Professor of Zoölogy and Entomology at Massachusetts Agricultural College since January, 1894.

RALPH E. SMITH, B.S.,

Assistant Professor of Botany and German.

Massachusetts Agricultural College, 1894. $\Phi. \Sigma. K.$ Instructor in German and Botany at Massachusetts Agricultural College, 1894-95. Assistant Professor of Botany and German since July, 1895.

PHILIP B. HASBROUCK, B.S.,

Assistant Professor of Mathematics.

Rutgers College, 1893. $X. \Psi.$ Assistant Professor of Mathematics at Massachusetts Agricultural College since April, 1895.

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The Classes.

Senior Class, 1899.



“ Born in a cellar, we have come up stairs into the world.”



Class Yell.

Boom-jig-Boom! Boom-jig-Boom

Boom-jig-a-rig-jig!

Boom! Boom! Boom!

Alaver-rix! Alaver-rine! Aggie

College! Ninety-Nine!



Class Colors.

Red and Black.



Officers.

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CHARLES MOREHOUSE WALKER	.	.	<i>Sergeant-at-Arms.</i>
BERNARD HOWARD SMITH	.	.	<i>Historian.</i>



Class History.



ANOTHER year has passed, and for the last time Ninety-Nine submits her history. It is a typical autumn afternoon. The soft October breeze slowly wafts the red and golden leaves by the open window, while a hazy, dreamy atmosphere, peculiar to this season of the year, prevails. All is still save for the occasional chitter of a flock of birds, who, from a neighboring elm, appear to be soliloquizing upon the newly-hoisted "fair weather" flag which floats from the tower.

Nature, arrayed in fairy dress, is at her best; and with such surroundings is it strange that the historian, while attempting to review the happenings of the past, falls into a reverie?

Again we are prospective Freshmen, alighting from the Amherst train, preparatory to taking those dreaded entrance "exams." Again that prodigy, John Marshall Barry, looms up before us. Again the lengthy Soph from Nyack points us to the drill hall when we inquire for the mathematical room. Again imagination carries us through the usual Freshies' trials; but we still survive.

We soon find ourselves full-fledged Sophomores, for "every dog has his day" (except, perhaps, the one Sam found under his bed with a load of tinware attached to his posterior extremity). At this point recollection's

biograph portrays many lively scenes. How brilliantly there reflects against the horizon of our memory the glorious bonfire on Clark Hill, while even now there almost falls upon our ears the jingle of fire bells, the rattle of hose cart, and the incessant screeching of the crowd as they hurry up the grade. The scene changes. Mountain Day, with the Greenfield Gazoo's (?) account of the "Amherst wild Indians." Doubtless the correspondent of that illustrious journal, after witnessing our progressive football practice on the Shutesbury heights, wished to compare our team to the Carlisle eleven. Be that as it may, we are justly proud of our records in athletics, having never been defeated in football, baseball, or polo. The rope-pull story has been told by others.

But we must break the fascinating charm of reverie, for space does not allow us to here enumerate many events which memory cherishes; which have united pleasure with instruction, and that go to form the multitude of "good times" which should be found in every college course. We indeed realize that

"Pleasures, like flowers, may fall to decay,
But their roots perennial may be."

At the outbreak of the war several of our classmates enlisted, and have proven themselves to be an honor to their class and college.

Wright, after standing as one of our peers for three years, suddenly left us for higher spheres of action. C. W.'s genial countenance is no more with us, and Stacy's familiar war whoop, echoing from Pelham hills to Mt. Warner, is a thing of the past. As we turn the corner by South College we miss the "plunkety-plunk" of Courtney's banjo; and who can think for a moment that we will be apt to forget Dutcher?

This communication would be incomplete if it failed to mention a certain pair of wheels which play an important part in Ninety-Nine toward making that somewhat indefinite article—class history. Not that we boast of possessing more wheels than any other class, but all will agree that those two red ones should not be overlooked. It would seem superfluous to state that they are well known by everybody between Denmark, Me., and Mill Valley, Mass.; and as the rovings of these unruly bicycles have been the source of much amusement at the Seniors' table at the boarding house, and as Melvin and "Fat" have sworn vengeance on all who talk of tying the "red rovers" to a cable that would reach only to Hallock Street, it behooves the historian to refrain from giving particulars or mentioning names.

In this connection it might be well to add that our class is thinking of publishing a treatise composed of the discussions held over Ninety-Nine's

dinner table during the past year. Considerable information in regard to Ancient History, "Italian bedbugs," and "game wardens" will be found in this comprehensive work. "Fweddie's" sayings will be a prominent feature of this publication. His map of the road from Amherst to South Hadley, with contour lines and other helps, will be of especial value to the botanist or bugologist who wishes to visit the "notch."

Chapin, the Galileo of our number, is said to be studying planets and other celestial objects these moonlight evenings. He believes that East Street is an advantageous field for such work.

Should we review the virtues and failings of our other prominent men, the reader might form the mistaken idea that our serious moments are "few and far between." As classmates we realize that we have but a few more weeks together, and the very thought tends to draw closer the bonds of friendship. Soon—too soon—we turn from the pleasantries of college associations to the grave responsibilities of life. It is human nature to look ahead. What has the future in store for us? The answer is, what we make it. Our fortune we hold in our hands: our future is largely determined by what we are to-day. Let us hope that we have made such good use of the time spent at old Aggie that we may be able to apply ourselves to life's task wherever the path of duty may open. With the best of wishes for our college mates, and with a loyal spirit toward Alma Mater, we make our bow.

Our history for the last time is told;
Now Ninety-Nine listens to Fate's decree.
As it echoes the phrase of the poet old,
'Tis this we hear, "Better days await thee."

S.



Members.



- WILLIAM H. ARMSTRONG Cambridge.
 Church's. $\Phi. \Sigma. K.$ Instructor of Drawing. Artist for Experiment Station.
 N. H. S. Burnham Four (2). Artist '99 INDEX.
- DAN ASHLEY BEAMAN Leverett.
 9 N. C. Q. T. V. College Eleven. Burnham Four (1). Flint Six (3).
- WILLIAM EDWARD CHAPIN Chicopee.
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- WARREN ELMER HINDS Townsend.
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 Chief *Aggie Life*. Baseball Team. Captain Polo Team. R. R. Director.
 First Prize Flint Six. Second Prize Burnham Four (2). '99 INDEX Board.
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- GEORGE CALEB HUBBARD Sunderland.
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 Choir.
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 Experiment Station. C. S. C. Y. M. C. A. President Boarding Club.
 N. H. S. Class Vice President. '99 INDEX Board.

BERNARD HOWARD SMITH Middlefield.

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N. H. S. Class Historian. Director Boarding Club. Second Prize Flint
Six. Editor *Aggie Life*.

SAMUEL ELDREDGE SMITH Middlefield.

Mr. Thompson's. C. S. C. N. H. S. Y. M. C. A. Glee Club. Choir.
'99 INDEX Board.

FREDERIC HARVEY TURNER Housatonic.

19 S. C. C. S. C. Y. M. C. A. Boarding Club Director. Business Man-
ager *Aggie Life*. Manager Baseball Team. President R. R. N. H. S.
Manager Polo Team. '99 INDEX Board. Flint Six.

CHARLES MOREHOUSE WALKER Amherst.

Home. C. S. C. N. H. S. College Organist. Editor *Aggie Life*. Flint
Six



Junior Class, 1900.



"Some Cupid kills with arrows, some with traps."



Class Yell.

Hip-su! Rah-su! Sis-boom-bah!

1900! Rah! Rah! Rah!



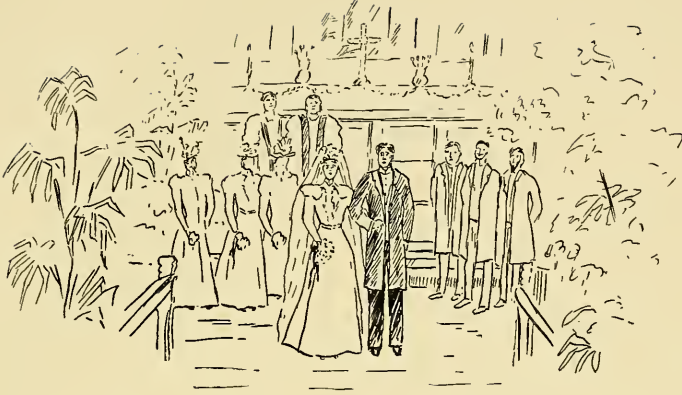
Class Colors.

Purple and Old Gold.



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FREDERIC AUGUSTUS MERRILL	.	.	.	<i>Vice President.</i>
ALBERT MERRILL WEST	.	.	.	<i>Secretary and Treasurer.</i>
JAMES EDWARD HALLIGAN	.	.	.	<i>Class Captain.</i>
EDWARD TAYLOR HULL	.	.	.	<i>Historian.</i>
MARK HAYES MUNSON	.	.	.	<i>Sergeant-at-Arms.</i>
FRANCIS GUY STANLEY	.	.	.	<i>Class Chaplain.</i>



Class History.



O give an accurate history of such a noted organization as the Class of Nineteen Hundred, would be a task of too large proportions to be undertaken with the limited space allowed for such articles. Though the allowance is enough in which to chronicle the doings of most classes, it is with many fears that I undertake so brief an account of the doings of this class. At most I can only touch upon a few of the things that have helped in gaining for us our wide reputation among the students, the Faculty, and even the outside world. Our reputation has been hard earned, and in some cases extravagantly paid for. To explain the cause of some of our deeds would also be too deep a subject to be taken up at this time. Some, I fear, would have to be explained by too hard Mathematics, others by the department of Political Economy, and still others would be far beyond the limits of the subject of Law. As to the effects, they would fill volumes. Who has not felt the effects of our deeds of power and influence? The Sophomores can certainly attest to the firm stand we took last year on the subject of "rushing." We occupied the entire campus, leaving no room for their mighty men, who wisely retired, leaving us in undisputed possession. Maybe no one has had the opportunity of more forcibly realizing the powerful position we hold in the affairs of the College than they had that night.

Our Faculty have been very much interested in our doings. They have from time to time taken up our different undertakings and most thoroughly analyzed them, consequently requiring quite a little of our attention. Many a social meeting have they enjoyed as a direct result of our labors; and though the time of these meetings might not have been the most propitious for them always, the subject would be of such promising interest that a good attendance was invariable. Many of our good intentions, we are sorry to say, they did not appreciate, which was a fact that we regretted exceedingly. One instance in particular forces itself back to my memory, and will serve to illustrate. It was the time that we gave one of our best-loved professors a day off, after he had labored so long and faithfully to instill into our minds the principles of that "noblest and most healthful occupation of man." If the germ which resulted in our action had not been drilled into our brains by one whose skill in the raising of crops is above question, an observer might have thought our action the result of his sowing the seed of knowledge on unadapted soil. It was, however, a mistake for which we honorably took the blame, and suffered even after we had been pardoned.

As to our work in the class room, we have only to refer you to any of our professors for an assurance of the high standard maintained by the Class of Nineteen Hundred. Our numbers also attest to our standing as students. Few classes have reached their Junior year and had their numbers diminished because of poor standing less than we have. The class has decreased slightly in numbers, it is true, but not because of poor standing. They have left for various reasons; some to enlist in the army of their country, and two have even enlisted in the army of those who have put aside this single and lesser life, and taken to themselves another and a better half. Thus some have made soldiers for the present, and some are making soldiers for the future. Of the men whose patriotism told them that it was their duty to give up their studies here at Aggie, and enlist in the service of their country at her call for volunteers, five of them were of the Class of Nineteen Hundred. These classmates, we expect, will soon be back with us, and then who will have the honor of giving orders when we again have the pleasure of the "double quick?"

Among the many good times that we have had together, two, at least, our Mountain Days, will not soon be forgotten. Many an envious eye followed us on that bright spring morning as we started in a barge with Professor Smith for Mt. Tom, as the other classes were going to chapel. We drove to the Easthampton end of the range, and leaving our barge, walked the length of the rocky heights and down to the Mt. Tom Station, where we again met the barge and drove back. Our second trip we took in the

fall, with Dr. Stone, to the Notch, then to the Prospect House on Mt. Holyoke. We collected many specimens on these trips, though not all of a botanical nature, and we had lots of sport.

In athletics we are decidedly strong, furnishing the 'varsity football team with nine men last year and a good representation this year. We are well represented on the baseball team, and also in the other athletic organizations.

Of class contests we have won a generous share. Few classes have had the honor of winning two rope-pull contests, though by good material, hard practice, and the help of Ninety-Eight, we have had that honor. The first was a hard-earned victory, but in the second contest we succeeded in getting all except seven feet of the one-hundred-foot rope. Our team was even preparing to get up and walk off with the rope when time was called. In football we were beaten by Ninety-Nine, in spite of the remarkable playing of "Fat" Adams, but we easily won from Nineteen Hundred and One. We have also lost but one baseball game,—that with Nineteen Hundred and One.

Not only have we subdued the Sophomores, taught the Freshmen, controlled the athletics, and, in fact, run things in general, but more important and lasting than these, we have with each year drawn those bonds of friendship closer and closer between ourselves, overlooking each other's faults, and putting aside personal feelings, giving way from these dislikes to unity of class and purpose.

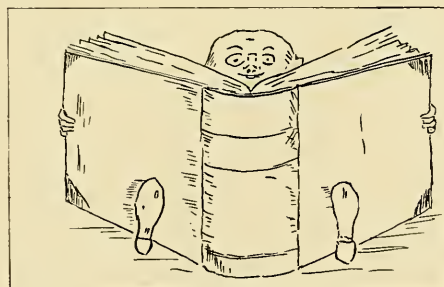
The years that have passed so rapidly also forcibly remind us that the time is coming only too soon when we shall have to leave these surroundings, which we have learned to love so well, and the classmates with whom in these happy years we have become so thoroughly bound together, and go into the world to prove the value of these years of labor in our course at Aggie. Let us, then, in the short time remaining do our best, that we may be fully prepared when the time comes to take up our life work, and show what a course of training at M. A. C. is really worth to a man.

Members.



- ATKINS, EDWIN KELLOGG North Amherst.
Home. D. G. K. Artist 1900 INDEX. Director Reading Room.
- BAKER, HOWARD Dudley.
28 N. C. C. S. C. N. H. S. Y. M. C. A. 1900 INDEX Board. Second
Prize Burnham Four. Secretary and Treasurer Reading Room Association.
- BROWN, FRANK HOWARD Newton Centre.
D. G. K. House. D. G. K. Corporal Battery D, First Regiment Massachu-
setts Volunteers U. S. V.
- CAMPBELL, MORTON ALFRED. Townsend.
Stockbridge House. C. S. C.
- CANTO YSIDRO HENERA Cansaheub, Yucatan.
D G K. House. D. G. K. Banjo Club. College Eleven.
- CRANE, HENRY LEWIS Westwood.
8 S. C. Φ. Σ. K. N. H. S
- CROWELL, CHARLES AUGUSTUS Everett.
6 N. C. Φ. Σ. K. N. H. S. College Glee Club. *Aggie Life*. Burnham
Four (1, 2).
- CROWELL, WARNER ROGERS Everett.
6 N. C. Φ. Σ. K. Secretary N. H. S. 1900 INDEX Board. Captain Col-
lege Baseball Team. College Football Team. Treasurer Boarding Club.
Librarian.
- FELCH, PERCY FLETCHER Worcester.
32 N. C. C. S. C. N. H. S. Y. M. C. A.
- FROST, ARTHUR FORRESTER South Monmouth, Me.
Mrs. Baker's. C. S. C. Y. M. C. A. Battery D, First Regiment Massa-
chusetts Volunteers U. S. V.
- GILE, ALFRED DEWING Worcester.
D. G. K. House. D. G. K. Captain College Football Team. Corporal
Battery D First Regiment Massachusetts Volunteers U. S. V.
- HALLIGAN, JAMES EDWARD Boston.
D. G. K. House. D. G. K. N. H. S. *Aggie Life*. College Baseball
Team. Acting Captain College Football Team. Class Captain.
- HARMON, ARTHUR ATWELL Chelmsford.
Experiment Station. C. S. C. N. H. S. Y. M. C. A.
- HULL, EDWARD TAYLOR Westport, Conn.
Mrs. Baker's. C. S. C. Y. M. C. A. Class Historian.

- KELLOGG, JAMES WILLIAM Amherst.
Home. $\Phi. \Sigma. K.$ N. H. S. 1900 INDEX Board. Burnham Four (1, 2).
Manager of Banjo Club.
- LANDERS, MORRIS BERNARD Belchertown.
D. G. K. House. D. G. K. N. H. S.
- LEWIS, JAMES FRANCIS Fairhaven.
25 N. C. $\Phi. \Sigma. K.$ N. H. S. Secretary and Treasurer Republican Club.
- MERRILL, FREDERIC AUGUSTUS Boston.
21 N. C. D. G. K. Business Manager 1900 INDEX. Vice President Class.
- MONAHAN, ARTHUR COLEMAN South Framingham.
Tower. C. S. C. Director N. H. S. Director Boarding Club. Editor in
Chief 1900 INDEX. Meteorological Observer, Hatch Exp. Station.
- MORRILL, AUSTIN WINFIELD Tewksbury.
8 S. C. $\Phi. \Sigma. K.$ N. H. S. Y. M. C. A.
- MUNSON, MARK HAYES Huntington.
Fenton's. C. S. C. N. H. S. Y. M. C. A. Sergeant-at-Arms. Class.
- PARMENTER, GEORGE FREEMAN Dover, Mass.
17 S. C. $\Phi. \Sigma. K.$ Vice President N. H. S. Class President. Manager
College Football Team. Assistant Manager *Aggie Life*. Assistant
Manager 1900 INDEX.
- STANLEY, FRANCIS GUY Springfield.
22 N. C. Q. T. V. Director N. H. S. College Football Team. 1900
INDEX Board. First Prize Burnham Four. Leader of Banjo Club.
- SAUNDERS, EDWARD BOYLE Southwick.
D. G. K. House. D. G. K. N. H. S. Battery D, First Regiment Massa-
chusetts Volunteers U. S. V.
- WALKER, HENRY EARL Vineyard Haven.
D. G. K. House. D. G. K. N. H. S. Eighth Regiment Massachusetts
Volunteers U. S. V.
- WEST, ALBERT MERRILL Holbrook.
13 N. C. $\Phi. \Sigma. K.$ Secretary Class 1900.



Sophomore Class, 1901.



*"I see the right, and I approve it, too ;
Condemn the wrong, and yet the wrong pursue."*



Class Yell.

Hullabaloo! Hooray-Hooray!
Hullabaloo! Hooray-Hooray!
Ra! Re! Ri-Ro-Rum!
Aggie College! Noughty-One!



Class Colors.

Olive-Green and Orange.



Officers.

EDWARD STEPHEN GAMWELL . . .	<i>President.</i>
CHARLES LESLIE RICE . . .	<i>Vice President.</i>
WILLIAM CARLETON DICKERMAN . .	<i>Secretary and Treasurer.</i>
JAMES HENRY CHICKERING . . .	<i>Class Captain.</i>
ALEXANDER CANASSA WILSON . . .	<i>Historian.</i>
GEORGE RUFFIN BRIDGEFORTH . .	<i>Sergeant-at-Arms.</i>



Class History.



AS the world floats around its orbit it impresses its history on the minds of men; so as another year is added to the life of our College, the history of the Class of Nineteen Hundred and One is for the second time placed before the readers of the INDEX. After closing a very successful season at football,—which has been treated so ably by my illustrious predecessor in the last INDEX,—we turned our attention to basket ball. Though unable to arrange any class games, at least we succeeded in infusing into our fellow-students an interest in this exciting game. And we hope that the sluggish brains of the present Freshman Class will be stirred by a like enthusiasm, so that our prospective victory at basket ball will not be too one sided.

As the gentle breezes of spring made themselves felt over the land and baseball resumed its sway, we realized the capabilities of our class when we found we had no less than five men on the college nine. Soon after we organized our class team, and vainly endeavored to get a game with the Amherst High School. Our whole energies were now let loose upon the Sophomores. They paid no attention, however, to our challenge of June 9th, and of course we claimed the game by default. Then, in the exuberance of our joy and cussedness, we decorated the roof of the Drill Hall with

the numbers 1901, in white paint. This work of art, which brought forth much applause from a great number of the students for its neat and symmetrical appearance, aroused the jealousy of the Faculty. One prominent professor was heard to think, "This dastardly outrage is entirely uncalled for, and should receive the most severe criticism of the department." The next day the Sophs, goaded on by the whole College, challenged us to a game of baseball, which we won, 10-2; and the morning after our victory we awoke to find our numbers deadened by three coats of red paint.

Prexy made us a very polite little speech in Chapel—complimented us on our artistic abilities, and requested us not to do it again.

It now became a question of who is running this College, anyway.

Our ire was aroused, and we painted in our numbers once more; this time in the class colors, olive-green and orange.

Then came a great diplomatic war. Prexy marshaled his forces, and battle after battle (in the shape of Faculty and class meetings) was fought. Our youthful frames were unable to hold out against the tried old veterans of the Faculty, and Brooks was sent to ask for terms. A treaty of peace for three years was signed, and, besides, we were compelled to pay a heavy indemnity.

On June 17th the survivors celebrated the end of the war by a grand banquet held at Cooley's Hotel, Springfield.

On our return to college this fall, but two men failed to answer to their names; one is serving his country, the other is serving his church.

At this time of the year our thoughts naturally turned on the unsophisticated and homesick Freshmen. We took a great deal of trouble to show them certain tricks about rushes. We even spent an hour one evening rushing them off the campus. We stood in the entry of North College and politely told them they had "better go 'round." They followed our advice implicitly. We find the Freshmen very obedient and obliging: obedient inasmuch as they always put out their lights at ten o'clock at the request of a Soph; they are very obliging as is shown by their kindly lending us their rope for the season.

We had been told by many upper classmen that fate was against an odd-number class winning a rope pull. We have demonstrated by our victory over Nineteen Hundred and Two the utter fallacy of this fatalistic idea.

The history of the Class of Nineteen Hundred and One would be incomplete without personal mention of some of its members who have lent their energies to its success. Notable among these there is Mr. George R. Bridgeforth, the orator of the South. Mr. Bridgeforth's crowning success in the oratorial line was his defense against the slanderous accusation of

being false to his class. This great orator not only defended his honor on the chapel stage and gained the unanimous decision of the judges, but at the same time accomplished the difficult feat of breaking up a Y. M. C. A. meeting.

Another celebrity of the class is Professor Dana, of the Mathematical department. The professor's talents are too well known to need mention, but when military drill once more swoops down upon us, the Freshmen will begin to learn what it is to have the master hand of Private Dana laid heavily upon them.

One more famous member of a famous class is Brooks H₂O., X. Y. Z., A. S. S. No man need go in ignorance while Percy is around. He is an oracle *rara avis*, and acts as a check on the different professors that happen to come under his bane. Professor Cooley once said to a candidate to the Sophomore Class, "Read Brooks's Notes on Agriculture; he knows more about the subject than I do."

It is plainly seen from our past career that we will be a shining cloud in the future. Our natural modesty restrains us from eulogizing ourselves, but I'll leave it to Professor Babson if we are not the best Sophomore Class in college at the present time.

W.



Members.



- AHEARN, MICHAEL FRANCIS South Framingham.
Plant House. C. S. C. N. H. S. College Eleven. College Nine. Class
Football, Baseball, and Basket Ball Teams.
- BARRY, JOHN CORNELIUS Amherst.
Home. D. G. K. College Eleven. College Nine. Class Baseball, Football
Teams. Rope-Pull Team.
- BRIDGEFORTH, GEORGE RUFFIM Westmoreland, Ala.
Hatch Experiment Station. C. S. C. Y. M. C. A. Rope-Pull Team.
Class Football Team. Burnham Four.
- BROOKS, PERCIVAL CUSHING Brockton.
Professor Brooks's. Φ. Σ. K. Manager Class Football Team. Business
Manager 1901 INDEX.
- CASEY, THOMAS Fitchburg.
10 N. C. Q. T. V. Assistant Business Manager 1901 INDEX.
- CHAPMAN, JOHN CHAUNCEY Amherst.
D. G. K. House. D. G. K. Class Football Team.
- CHICKERING, JAMES HENRY Dover.
Plant House. Φ. Σ. K. Class Football and Rope-Pull Teams.
- CLARKE, GEORGE CROWELL Winthrop.
24 N. C. Q. T. V. Y. M. C. A.
- COOKE, THEODORE FREDERIC Austerlitz, N. Y.
Boarding Club. C. S. C. College Eleven. Class Baseball and Football
Teams. Captain Rope-Pull Team.
- CURTIS, ERNEST WALDO Canton.
22 N. C. Q. T. V. Banjo Club.
- DANA, GEORGE HENRY South Amherst.
Home.
- DAWSON, WILLIAM ALUCIUS Worcester.
28 N. C. C. S. C. Y. M. C. A.
- DICKERMAN, WILLIAM CARLTON Taunton.
7 S. C. Φ. Σ. K. Class Football Team. Burnham Four. Glee Club.
Choir. Class Polo Team.
- DORMAN, ALLISON RICE Springfield.
10 S. C. Φ. Σ. K. Captain Class Football. College Eleven. College
Nine. Class Baseball and Polo Teams. *Aggie Life*. 1901 INDEX. Glee
Club. Choir.
- GAMWELL, EDWARD STEPHEN Pittsfield.
Mr. Thompson's C. S. C. Class Football Team. Rope-Pull Team.
Artist 1901 INDEX. Director Boarding Club.

- GORDON, CLARENCE EVERETT Clinton.
Mrs. Baker's. C. S. C. Class Football Team. 1901 INDEX.
- GRAVES, JR., THADDEUS Hatfield.
10 S. C. Φ. Σ. K. Glee Club. Choir. Rope-Pull Team. President of
Prohibition Club. College Nine. Class Football and Baseball Teams.
- GREELEY, DANA SANFORD BERNARD East Foxboro.
Mrs. Baker's. C. S. C. Banjo Club.
- GURNEY, VICTOR HENRY Forge Village.
Mrs. Clark's. Φ. Σ. K. Y. M. C. A.
- HENRY, JOHN BUELL Amherst.
Home. D. G. K. Banjo Club.
- HOWARD, JOHN HERBERT Westford.
Mrs. Clark's. Φ. Σ. K. Y. M. C. A.
- HUNTING, NATHAN JUSTIN Shutesbury.
Home. C. S. C. Y. M. C. A. N. H. S.
- LESLIE, CHARLES THOMAS Brooklyn, N. Y.
Mrs. Thompson's. C. S. C. Class Football Team.
- MACOMBER, ERNEST LESLIE Taunton.
7 S. C. Φ. Σ. K. Class Football Team. Class Baseball Team. Secretary
and Treasurer of Prohibition Club.
- PAUL, HERBERT AMASA Lynn.
C. S. C. Eighth Regiment Massachusetts Volunteers, U. S. V.
- PIERSON, WALLACE ROGERS Cromwell, Conn.
3 S. C. Class Football Team.
- ROGERS, WILLIAM BERRY Winchendon.
21 N. C. Q. T. V. College Eleven. College Nine. Class Football, Base-
ball, and Polo Teams.
- TODD, JOHN HARRIS Prowley.
24 N. C. Q. T. V.
- WHITMAN, NATHAN DAVIS Boston.
15 S. C. Class Football Team.



Freshman Class, 1902.



"We are men, my liege."

"Ay, in the catalogue ye go for men."



Class Yell.

Boom-a-racka! Boom-a-racka! Sis-boom-bah!

Noughty-Two! Noughty-Two! Rah! Rah! Rah!



Class Colors.

Maroon and Black.



Officers.

WILLIAM Z. CHASE . . .	<i>President.</i>
LANDER C. CLAFLIN . . .	<i>Vice President.</i>
HOWARD L. KNIGHT . . .	<i>Secretary and Treasurer.</i>
JOHN C. HALL . . .	<i>Historian.</i>
HENRY L. BODFISH . . .	<i>Class Captain</i>
GEORGE T. BALL . . .	<i>Football Captain.</i>
ERWIN S. FULTON . . .	<i>Rope-Pull Captain.</i>
EDMUND F. MCCOBB . . .	<i>Sergeant-at-Arms.</i>



Class History.



THE omnipresent Freshmen of the Class of Nineteen Hundred and Two arrived at Aggie on the 7th of September, 1898, in all the verdure with which Freshmen classes are supposed to be endowed. Before we had been on the college grounds many hours we had heard a great deal, from the patronizing Juniors, about a certain awe-inspiring Owl Club. From what we could learn, from the subdued whispers concerning it, we decided that it was some sort of a powerful organization, the secrets of which we would learn in a few nights; but the nights have lengthened into weeks, and the weeks into months, and now how great is our disappointment to find that the kindly Sophs have decided not to permit the Freshmen to enjoy the greatest pleasure of their stay at Aggie; namely, the initiation into the "ancient and honorable" Owl Club. Alas, how unkind is Fate! How hard our lot!

The "disgusting" (?) but unavoidable rush was, then, the first thing to occupy our attention. In this the Sophs had the experience on their side, gained from observing the manner in which the Class of Nineteen Hundred had pushed them off the campus a year ago; and in consequence they won the rush, though it took a long time to subdue the plucky Fresh-

men. We lost again in the rope pull, the Sophs winning by a margin of five feet; all of which, and more too, they obtained on the drop. This seems a small amount of rope for the Sophs to get, as they had not only experience, but also greater weight on their side. We are represented on the 'varsity football team, and we are confident of supplying the baseball team with some good material in the spring. We already hold membership on the Glee Club, Choir, and other organizations of the College, not forgetting our honorary director on the Hash House Board.

Although, perhaps, we do not rank quite so high as the kindly Sophs as regards brute strength, still we are not wanting in mental ability, as appears from the following: "Gentlemen, after looking over the entrance examination papers of this class, I can safely say that I have the greatest expectation of its becoming the most promising class I have ever had." (Extract from one of Professor Babson's orations.) Though not having received any verbal testimony from our beloved mathematical instructor, we feel confident that he could easily pay us as great a compliment if not greater.

But seriously, classmates, let us ever keep before us the object for which we came here, for there is not one of us who did not come here with the same object in view; namely, the preparation for future usefulness. And wherever we are or whatever we do, let us conduct ourselves so that we may be an honor to our class, the College, and the State, which is doing so much to make good citizens out of each one of us.

H.

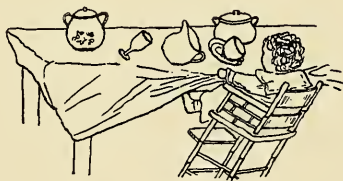


Members.



ADAMS, EDWARD ELLIS	Millis.
4 S. C. Φ. Σ. K.	
BALL, GEORGE TREADWELL	Holyoke.
9 S. C. Φ. Σ. K. Class Football Captain. College Football Team. Class Rope-Pull Team.	
BELDEN, JOSHUA HERBERT	Newington, Conn.
18 S. C. Class Football Team.	
BLAKE, MAURICE ADIN	Millis.
14 N. C.	
BODFISH, HENRY LOOK	Vineyard Haven.
D. G. K. House. D. G. K. Class Football Team. Class Rope-Pull Team.	
CHAPIN, WARREN LUTHER	Amherst.
Boarding House. D. G. K.	
CHASE, WILLIAM ZACHARIAH	Lynn.
Insectory. C. S. C. Class Rope-Pull Team. Class President. Class Foot- ball Team.	
CHURCH, FREDERICK RICHARD	Ashfield.
23 N. C.	
CLAPLIN, LEANDER CHAPIN	Philadelphia, Pa.
16 S. C. Φ. Σ. K. Class Vice President.	
COLE, WILLIAM RICHARDSON	West Boxford.
10 N. C. Q. T. V. Class Football Team.	
COOK, LYMAN ADAMS	Millis.
14 N. C.	
COOLEY, ORRIN FULTON	South Deerfield.
8 N. C.	
DACY, ARTHUR LINCOLN	Boston.
26 N. C. C. S. C. Y. M. C. A.	
DELLEA, JOHN MARTIN	Alford.
Boarding House. C. S. C.	
DWYER, CHESTER EDWARDS	Lynn.
13 S. C. C. S. C.	
FULTON, ERWIN STANLEY	Lynn.
8 N. C. C. S. C. Captain Class Rope-Pull Team. Class Football Team.	
GATES, VICTOR ADOLPH	Memphis, Tenn.
5 N. C. Φ. Σ. K. Class Football Team.	

GREENMAN, FRED HOWARD	Haverhill.
6 N. C. Q. T. V.	
HALL, JOHN CLIFFORD	Rock Bottom.
5 N. C. Φ . Σ . K.	
HANLON, HAROLD CLINTON	North Easton.
3 S. C. D. G. K.	
HODGKISS, HAROLD EDWIN	Wilkinsonville.
6 S. C. C. S. C.	
HOLDER, WALTER SAFFORD	Lynn.
13 S. C. C. S. C. Manager Class Football Team.	
JAMES, HAROLD FRANCIS	Boston.
Wentzell's. D. G. K. Class Football Team.	
JAMES, HUBERT CAREY	Boston.
Wentzell's. D. G. K.	
KINNEY, CHARLES MILTON	Northampton.
16 S. C. Φ . Σ . K. Class Secretary-Treasurer.	
KNIGHT, HOWARD LAWTON	Gardner.
12 S. C. C. S. C.	
LEWIS, CLAUDE ISAAC	Unionville.
26 N. C. C. S. C. College Choir.	
McCOBB, EDMOND FRANKLIN	Milford.
25 N. C. Class Football Team.	
MORSE, RANSOM WESLEY	Belchertown.
18 S. C. Q. T. V. Y. M. C. A.	
PEABODY, HARRY ELDREDGE	Stoneham.
Mr. Fenton's. C. S. C. Y. M. C. A. Class Football Team.	
SMITH, SAMUEL LEROY	South Hadley.
Mrs. Baker's. C. S. C. Y. M. C. A.	
WARDEN, JAMES KENT	Rocky Point, L. I.
9 S. C. Φ . Σ . K. Class Football Team.	
WEST, DAVID NELSON	Northampton.
12 S. C. Q. T. V. College Choir.	



College



Fraternities



E. A. HITCHCOCK, PHILA.

D. G. K. Fraternity.

Aleph Chapter.

Established 1869.

Incorporated 1886.



Members.

In Facultate.

CHARLES WELLINGTON.

In Urbe.

CHARLES I. GOESSMANN.

SAMUEL W. WILEY.

AVEDLIS GARABET ADJEMIAN.

JULIO MOISES OVALLE.

Undergraduates.

ALFRED DEWING GILE.

EDWARD BOYLE SAUNDERS.

YSIDRO HERRERA CANTO.

FRANK HOWARD BROWN.

JOHN CORNELIUS BARRY.

JOHN BUEL HENRY.

WARREN LUTER CHAPIN.

WALLACE ROGERS PIERSON.

FREDERICK AUGUSTUS MERRILL.

JAMES EDWARD HALLIGAN.

MAURICE BERNARD SANDERS.

HENRY EARLE WALKER.

EDWIN KELLOGG ATKINS.

HENRY LOOK BODFISH.

HAROLD FRANCIS JAMES.

HUBERT CAREY JAMES.

HAROLD CLINTON HANLON.

Q. T. V. Fraternity.

1869-1897.

Chapters.

Amherst.

MASSACHUSETTS AGRICULTURAL COLLEGE,
1869.

Orono.

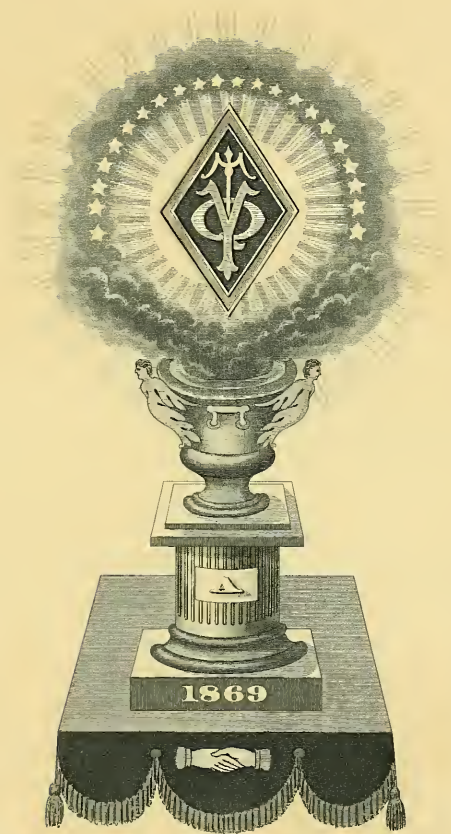
MAINE STATE COLLEGE,
1874.

Granite.

NEW HAMPSHIRE COLLEGE OF AGRICULTURE
AND MECHANIC ARTS,
1881.

Boston Alumni Chapter.

1889.



Q. T. V. Fraternity.

Amherst Chapter.

Established 1869.

Incorporated 1890.



Members.

In Urbe.

DAVID BARRY.

HENRY DARWIN HASKINS.

In Facultate.

JAMES B. PAIGE.

EDWARD R. FLINT.

Undergraduates.

DAN ASHLEY BEAMAN.

GEORGE CROWELL CLARK.

FRANCIS GUY STANLEY.

ERNEST WALDO CURTIS.

THOMAS CASEY.

JOHN HARRIS TODD.

WILLIAM BERRY ROGERS.

RALPH INGRAM SMITH.

DICKRASS BEDRAS TASHJIAN.

RANSON WESLEY MORSE.

WILLIAM RICHARDSON COLE.

DANIEL NELSON WEST.

FREDERICK HOWARD GREENMAN.

Phi Sigma Kappa.

1873-1897.

Chapter Roll.



Alpha.

MASSACHUSETTS AGRICULTURAL COLLEGE,
1873.

Beta.

UNION UNIVERSITY, ALBANY,
1888.

Gamma.

CORNELL UNIVERSITY, ITHACA,
1889.

Delta.

WEST VIRGINIA UNIVERSITY, MORGANTOWN,
1891.

Epsilon.

YALE UNIVERSITY, NEW HAVEN,
1893.

Zeta.

COLLEGE OF THE CITY OF NEW YORK,
1896.

Eta.

UNIVERSITY OF MARYLAND,
1897.

Theta.

COLUMBIA UNIVERSITY.

The Boston Club.

1897

The New York Club.

1889.



Phi Sigma Kappa.

Alpha Chapter.

Organized 1873.

Incorporated 1892.



In Facultate.

WILLIAM P. BROOKS.

FRED S. COOLEY.

GEORGE E. STONE.

RALPH E. SMITH.

In Urbe.

WILLIAM A. KELLOGG.

ROBERT A. COOLEY.

PHILLIP H. SMITH.

ELISHA A. JONES.

Undergraduates.

WILLIAM HENRY ARMSTRONG.

WILLIAM ANSON HOOKER.

WILLIAM EDWARD CHAPIN.

GEORGE CALEB HUBBARD.

HENRY LEWIS CRAINE.

JAMES FRANCIS LEWIS.

CHARLES AUGUSTUS CROWELL.

AUSTIN WINFRED MORRILL.

WARNER ROGERS CROWELL.

GEORGE FREEMAN PARMENTER.

JAMES WILLIAM KELLOGG.

ALBERT MERRILL WEST.

JAMES HENRY CHICKERING.

VICTOR HENRY GURNEY.

PERCIVAL CUSHING BROOKS.

JOHN HERBERT HOWARD.

WILLIAM CARLTON DICKERMAN.

EARNEST LESLIE MACOMBER

ALLISON RICE DORMAN.

LUTHER AUGUSTUS ROOT.

THADDEUS GRAVES, JR.

ALEXANDER CAVASSA WILSON.

EDWARD ELLIS ADAMS.

VICTOR ADOLPH GATES.

GEORGE TREADWELL BALL.

JOHN CLIFFORD HALL.

LEANDER CHAPIN CLAFLIN.

JAMES KENT WORDEN.

EDMOND FRANKLIN MCCOBB.

College Shakespearean Club

OF THE

Massachusetts Agricultural College.

A Non-secret Fraternity.

The Corporation.

INCORPORATED 1892.



The Graduate Association.

ORGANIZED SEPTEMBER 4, 1897.



The College Club.

ORGANIZED SEPTEMBER 20, 1879.



The Associate Club.

ORGANIZED AT STORRS AGRICULTURAL COLLEGE, MAY 18, 1894.

"PRO LITERA"



F. A. W. B. R. O. W. N. & C. O.

College Shakespearean Club.

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Prof. GEORGE F. MILLS. Prof. HERMAN BABSON.



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FREDERICK WAY MOSSMAN. HENRY MARTIN THOMPSON.
BENJAMIN KENT JONES.



Undergraduates.

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WARREN ELMER HINDS.	EDWARD TAYLOR HULL.
HOWARD EDDY MAYNARD.	ARTHUR COLEMAN MONAHAN.
MELVIN HERBERT PINGREE.	MARK HAYES MUNSON.
HOWARD BAKER.	CLARENCE EVERETT GORDON.
MORTON ALFRED CAMPBELL.	CHARLES THOMAS LESLIE.
PERCY FLETCHER FELCH.	HERBERT AMASA PAUL.
ARTHUR FORRESTER FROST.	CHARLES LESLIE RICE.
MICHAEL FRANCIS AHEARN.	ARTHUR LINCOLN DACY.
GEORGE RUFFIM BRIDGEFORTH.	JOHN MARTIN DELLEA.
THEODORE FREDERICK COOKE.	CHESTER EDWARD DWYER.
WILLIAM ALUCIUS DAWSON.	ERWIN STANLEY FULTON.
EDWARD STEPHEN GAMWELL.	DANA SANFORD BERNARD GREELEY.
WILLIAM ZACHARIAH CHASE.	HAROLD EDWARD HODGKISS.
BERNARD HOWARD SMITH.	WALTER SAFFORD HOLDER.
SAMUEL ELDRIDGE SMITH.	RALPH ELMER KIMBALL.
FREDERICK HARNEY TURNER.	HOWARD LAWTON KNIGHT.
CHARLES MOREHOUSE WALKER.	CLAUD ISAAC LEWIS.
HARRY ELDRIDGE PEABODY.	SAMUEL LEROY SMITH.

College Associations.

ATHLETIC Association



Officers for 1898-99.

Football Manager, G. F. PARMENTER.

Baseball Manager, F. H. TURNER.



Executive Committee.

Faculty.

R. S. LULL.

J. B. PAIGE.

R. E. SMITH.

Alumni.

J. R. PERRY, '93.

College Records.

<i>Mile Run</i>	. . . . .	H. J. Fowler, '94	. . . . .	5 min. 23 $\frac{1}{2}$ sec.
<i>Half-Mile Run</i>	. . . . .	H. D. Hemenway, '95	. . . . .	2 min. 26 sec.
<i>440-Yard Dash</i>	. . . . .	H. D. Hemenway, '95	. . . . .	58 $\frac{2}{3}$ sec.
<i>220-Yard Dash</i>	. . . . .	S. P. Toole, '95	. . . . .	24 $\frac{2}{3}$ sec.
<i>100-Yard Dash</i>	. . . . .	S. P. Toole, '95	. . . . .	10 $\frac{2}{3}$ sec.
<i>25-Yard Dash</i>	. . . . .	S. Sastré, '96	. . . . .	3 $\frac{1}{2}$ sec.
<i>Hurdle Race</i> (120-yards, 3 $\frac{1}{2}$ ft. hurdles),		H. S. Fairbanks, '95	. . . . .	21 sec.
<i>Half-Mile Walk</i>	. . . . .	F. L. Warren, '95	. . . . .	3 min. 50 $\frac{1}{2}$ sec.
<i>Running Broad Jump</i>	. . . . .	F. B. Shaw, '96	. . . . .	20 ft. 6 $\frac{3}{4}$ in.
<i>Standing Broad Jump</i>	. . . . .	J. A. Emrich, '97	. . . . .	10 ft. $\frac{1}{2}$ in.
<i>Running Hop, Step and Jump</i>	. . . . .	S. P. Toole, '95	. . . . .	40 ft. 10 in.
<i>Standing Hop, Step and Jump</i>	. . . . .	Jos. Baker, '93	. . . . .	26 ft. 8 in.
<i>Running High Jump</i>	. . . . .	L. Manley, '94	. . . . .	5 ft. 2 in.
<i>Standing High Jump</i>	. . . . .	L. Manley, '94	. . . . .	4 ft. 4 in.
<i>Running High Kick</i>	. . . . .	J. S. Eaton, '98	. . . . .	8 ft. 4 in.
<i>Standing High Kick</i>	. . . . .	J. S. Eaton, '98	. . . . .	8 ft. 1 in.
<i>Pole Vault</i>	. . . . .	F. B. Shaw, '96	. . . . .	8 ft 9 in.
<i>One-Mile Bicycle Race</i>	. . . . .	E. B. Saunders, 1900	. . . . .	2 min. 28 $\frac{2}{3}$ sec.
<i>Putting Shot</i> (16 pound)	. . . . .	J. S. Eaton, '98	. . . . .	33 ft. 1 $\frac{1}{2}$ in.
<i>Throwing Hammer</i> (16 pound)	. . . . .	C. W. Crehore, '95	. . . . .	88 ft 7 $\frac{3}{4}$ in.
<i>Throwing Baseball</i>	. . . . .	F. B. Shaw, '96	. . . . .	318 ft.
<i>Batule Board Jump</i>	. . . . .	W. J. Curley, ex-'96	. . . . .	6 ft. 8 in.

Base Ball



Baseball Association.

Captain, J. S. EATON.

Manager, G. H. WRIGHT.

Assistant Manager, F. H. TURNER.



College Team.

W. R. CROWELL, c.

T. GRAVES, 1st b.

R. D. WARDEN, 3d b.

W. E. HINDS, l. f.

J. S. EATON, p.

J. E. HALLIGAN, 2d b.

M. F. AHEARN, s. s.

W. A. HOOKER, m.

A. R. DORMAN, l. f.



Substitutes.

W. B. ROGERS.

J. C. BARRY.

H. A. PAUL.



Warden, '98.	Halligan, 1900.	Barry, 1901.	Hooker, '99.	Rogers, 1901.
Turner, '99, Assistant Manager.		Hinds, '99.	Wright, '98, Manager.	Graves, 1901.
Ahearn, 1901.		Eaton, '98, Captain.	Dorman, 1901.	
			Crowell, 1900.	

Baseball Association.



Games Played.

April 23, Aggie <i>vs.</i> Haydenville	. . . . .	7-10
April 27, Aggie <i>vs.</i> Vermont Academy	. . . . .	17-8
May 4, Aggie <i>vs.</i> Northampton Y. M. C. A.	. . . . .	8-10
May 13, Aggie <i>vs.</i> Amherst	. . . . .	1-10
May 18, Aggie <i>vs.</i> Maine State College	. . . . .	7-8
May 21, Aggie <i>vs.</i> Williston	. . . . .	4-7
May 28, Aggie <i>vs.</i> Trinity	. . . . .	3-0
June 4, Aggie <i>vs.</i> Williston	. . . . .	8-6



Football Association.



Captain, A. D. GILE.

Manager, G. F. PARMENTER.

Coach, DR. WEEKS, quarter back U. of P., '97.



College Team.

F. G. STANLEY, G. T. BALL, guards.

A. D. GILE, J. F. BARRY, half backs.

D. A. BEAMAN, F. COOKE, tackles.

W. R. CROWELL, center.

M. AHEARN, W. B. ROGERS, ends.

J. E. HALLIGAN, full back.

Y. R. CANTO, quarter back.



Substitutes.

C. L. RICE.

J. H. CHICKERING.

W. A. HOOKER.

A. R. DORMAN.

W. R. PIERSON.

J. K. WORDEN.

H. F. JAMES.

Hooker. Weeks, Coach. Parmenter, Manager.
 Ball. Crowell. Stanley. Rice.



James. Ahearn. Beaman. Canto. Cooke. Dorman.
 Pierson. Warden. Halligan. Barry. Chlickering.

Football Association.



Games Played.

September 24,	Aggie <i>vs.</i> Holy Cross	. . . . .	0-23
October 1,	Aggie <i>vs.</i> Worcester Tech.	. . . . .	0-6
October 8,	Aggie <i>vs.</i> Amherst	. . . . .	0-0
October 15,	Aggie <i>vs.</i> Vermont Academy	. . . . .	40-0
October 22,	Aggie <i>vs.</i> Williston	. . . . .	0-6
November 12,	Aggie <i>vs.</i> Worcester Tech.	. . . . .	0-11



Officers.

Captain, W. E. HINDS.

Manager, F. H. TURNER.



Team.

W. B. ROGERS, first rush.

H. MAYNARD, second rush.

F. H. TURNER, center.

W. E. HINDS, half back.

J. W. KELLOGG, goal.



Officers.

President, W. E. HINDS.

Secretary and Treasurer, F. H. TURNER.



Directors.

W. B. ROGERS.

MARK MUNSON.

THOMAS CASEY.

C. M. WALKER.

A. R. DORMAN.

W. R. CROWELL.



College Champion.

J. S. EATON, '98.



"Angels and ministers of grace, defend us!"

Officers.

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Vice President, MELVIN HERBERT PINGREE.
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Recording Secretary, SAMUEL ELDREDGE SMITH.
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H. BAKER.

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F. H. TURNER.

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H. BAKER.
D. B. TASHJIAN.
W. A. DAWSON.
C. T. RICE.
LEROY SMITH.
R. W. MORSE.



Associate.

H. E. MAYNARD.
J. F. LEWIS.
W. H. ARMSTRONG.
A. M. WEST.
H. L. CRANE.
H. W. DANA.

C. M. WALKER.
A. W. MORRILL.
E. T. HULL.
M. H. MUNSON.
A. A. HARMON.
A. F. FROST.





Officers.

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Vice President, W. E. HINDS.

Secretary and Treasurer, HOWARD BAKER.



Directory.

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C. E. GORDON.

CHARLES LESLIE.

College Reading Room.

List of Periodicals.

Boston Herald.	Yale Record.	Outing.
Boston Globe.	The Mount Holyoke.	Forum.
New York Tribune.	Leslie's Illustrated Newspaper.	Arena.
New York Herald.	Harper's Weekly.	Illustrated American.
Worcester Telegram.	Puck.	Review of Reviews.
Fitchburg Sentinel.	Judge.	New England Magazine.
Springfield Republican.	Truth.	Cosmopolitan.
Springfield Union.	Leslie's Monthly.	Public Opinion.
Lowell Journal.	Harper's Monthly.	Godey's Magazine.
Christian Register.	New York Life.	Metropolitan Magazine.
Congregationalist.	Youth's Companion.	Black Cat.
Outlook.	Munsey's Magazine.	Short Stories.
Brunonian.	Harper's.	Strand.
Williams Weekly.	Century.	Scientific American.
The Dartmouth.	Scribner's.	Rod and Gun.



Library Reading Room.

List of Periodicals.

The Chemical News.	North American Review.	The Gentleman Farmer.
The Critic.	Gardening.	Pacific Rural Press.
Canadian Entomologist.	American Gardening.	The Southern Planter.
American Bee Journal.	Garden and Forest.	Farmers' Magazine.
The Entomologist.	The Garden.	Agricultural Gazette.
Appleton's Popular Science Monthly.	The Gardener's Chronicle.	The Country Gentleman.
The Auk.	Farming.	Poultry Monthly.
American Chemical Journal.	The Canadian Horticulturist.	Breeder's Gazette.
The Veterinarian.	The Southern States.	Live Stock Journal.
Journal of Comparative Medicine and Veter. Archives.	Meehan's Monthly.	American Sheep Breeder.
Journal of Geology.	The American Florist.	New England Homestead.
Contemporary Review.	The Louisiana Planter.	Farm Implement News.
Journal of American Chemical Society.	American Naturalist.	Engineering News.
Natural Science.	Botanical Gazette.	Scientific American.
Irrigation Age.	Political Science Quarterly.	Electrical Review.
Physical Review.	Bulletin of Torrey Botanical Club.	Nature.
	The Agricultural Journal of Cape of Good Hope.	Science.
		The Nation.
		The Analyst.



Natural History Society.

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Popular Scientific Public Lectures.

Under the Auspices of the Natural History Society.



February 7: "How the Pay of a Regiment Reached New Orleans."

BY PRESIDENT H. H. GOODELL.

February 18: "Geologizing Trip up the Coast of Norway with Nansen."

BY PROFESSOR EMERSON.

February 25: "German College Life."

BY DR. CHARLES WELLINGTON.

March 4: "Wonders of the Yosemite Valley."

BY CHARLES L. FLINT.

March 11: "Natural Resources of the Island of Jamaica."

BY DR. CLARK.

Clubs.

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CLAUDE I. LEWIS.

Second Tenors.

D. N. WEST.

S. E. SMITH.

WARNER R. CROWELL.

First Basses.

C. A. CROWELL, JR.

W. C. DICKERMAN.

ERWIN S. FULTON.

Second Basses.

A. R. DORMAN.

HOWARD MAYNARD.

RANSON W. MORSE.

College Choir



Instructor.

MRS. LUCY E. SANDERSON.

Leader.

S. E. SMITH.

First Tenors.

T. GRAVES, JR.

C. I. LEWIS.

Second Tenors.

DAVID N. WEST.

SAMUEL E. SMITH.

First Bassos.

C. A. CROWELL, JR.

W. C. DICKERMAN.

Second Bassos.

A. R. DORMAN.

HOWARD MAYNARD.

Banjo Club.

Officers.

Leader.

F. GUY STANLEY.

Manager.

J. W. KELLOGG.



Members.

F. GUY STANLEY.

THADDEUS GRAVES.

J. W. KELLOGG.

E. W. CURTIS.

DANA S. GREELEY.

JAMES HENRY.

E. B. SAUNDERS.



J. B. Henry.

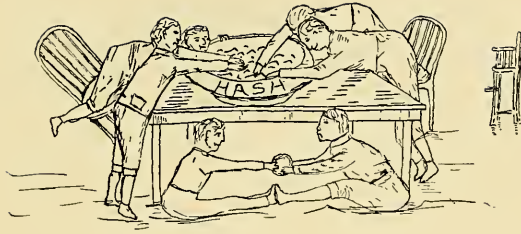
J. W. Kellogg,

T. Graves.

F. G. Stanley.

E. W. Curtis,

D. S. Greeley.



Boarding Club.



Dinner.

Steamed South Duxbury Clams.

Soup.

Cream of Chicken Voulette.
Consommé Romaine.

Relishes.

Olives. Chow Chow. White Onions.
Sliced Tomatoes. English Pickles. Iced Cucumbers.

Fish.

Filet de Sole au vin Blanc à la Parisienne.

Entrees.

Pates of Clams à la Financière. Chicken Saute à la Bordelaise.
Peach Fritters à la Comtesse.

Roast.

Prime Rib of Beef. Spring Lamb, Mint Sauce.
Rhode Island Turkey, Stuffed, Cranberry Sauce.

Vegetables.

Asparagus. Green Corn. New String Beans. Sweet Potatoes.
Mashed Potatoes. Spinach.

Salad.

Lettuce, French Dressing.

Dessert.

Almond Pudding, Sherry Wine Sauce. Apple Pie. Port Wine Jelly.
Custard Pie. Coconut Pie. Vanilla Ice Cream.

Macaroons. Assorted Cake. Bananas. Concord Grapes. Oranges.
Raisins. Assorted Nuts.

Cheese.

Roquefort. American.

Ben's Water Crackers

Demi Tasse.

Myles Standish Spring Water.

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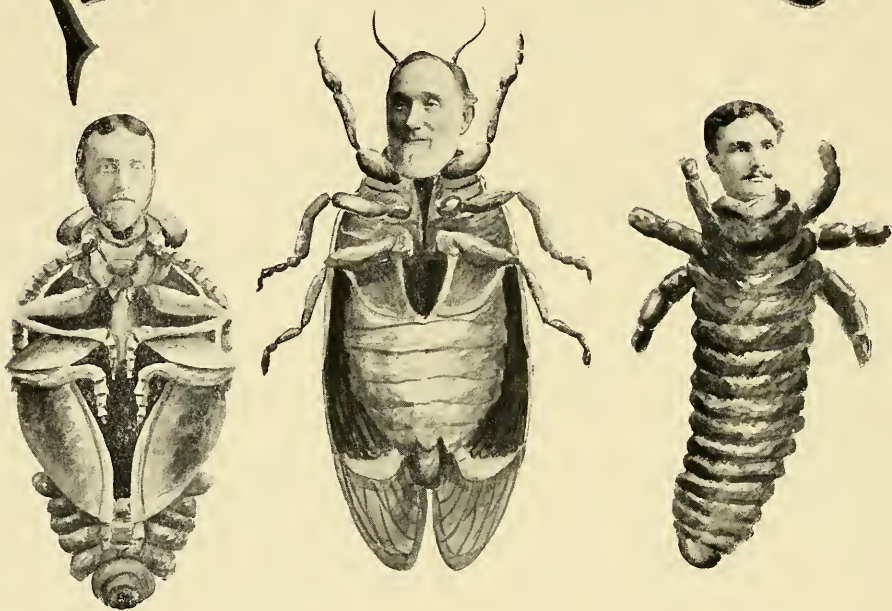
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Class and Society Publications.

THE INDEX.

Published annually by the Junior Class.

Volume XXX.

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THE CYCLE.

Published annually by the D. G. K. Fraternity.



Q. T. V. ANNUAL.

Published annually by the Q. T. V. Fraternity.



HANDBOOK OF THE COLLEGE.

Published Annually by the U. M. C. A.

Aggie Life.

Published Fortnightly by the Students of the Massachusetts
Agricultural College.

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BERNARD H. SMITH, '99, Library Notes.

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JAMES E. HALLIGAN, 1900, Athletics.

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B. H. Smith.		F. H. Turner.
		C. A. Crowell.
		W. A. Hooker.

The Year.



WINTER Happenings

November, 1897.

1. Nineteen Hundred INDEX Board at the bat.
5. Lecture in Chapel, by Rev. Calvin Stebbins.
6. Aggie *vs.* Storrs, football.
9. "Nineteen Hundred" is graduated with high honors from special course in prize drill.
10. Freshmen *vs.* Sunderland, football, 6-0.
12. Snow—snowball—snowball fight.
15. Dr. Stebbins lectures on Milton.
16. Rush in Chapel entry,—Sophomores *vs.* Freshmen and Juniors.
19. Sophomore *vs.* Freshman, football, 10-6. Lecture in Chapel by Dr. Stebbins.
21. Rev. Mr. Skinner fills the Chapel pulpit.
22. Dr. William Rolfe gives a talk to the C. S. C.
23. Football team sits for pictures.
24. Thanksgiving recess begins.
25. Alumni *vs.* Freshmen's football, " H_2SO_4 round right end." Professor Lull drops a stitch in his trousers.



December.

1. Juniors—Laboratory—stale fish—hash house—Freshman feed.

3. The Junior Class spends the evening at Professor Maynard's. Jackstraws.
12. Rev. Mr. Woods, of Hatfield, occupied the pulpit. Rev. Mr. Skinner addressed the Y. M. C. A.
15. Ninety-Nine INDEX announcement in the *Aggie Life*: "When purchasing your holiday presents," etc.
20. Term exams. begin.
23. Fall term closes, and Christmas vacation begins. Pingree is supposed to take Roper's place.

"But when a lady's in the case,
 You know all other things give place."
30. G. R. Br-th accused of stealing chickens from Widow Baker.



January, 1898.

1. I hereby resolve ——.
5. Winter term begins—with many a groan. Watchword: "When is the INDEX coming out?"
6. Sophomores prepare to digest "Martin's Human Body." Recent edition, six hundred and fifty-six pages.
8. Picked up on the campus:—

"Can you tell me, fair-haired maiden,
 Fair-haired maid with eyes so blue,
 From where you lost this little button
 Which Ikey now sends back to you?"
19. Lecture in Chapel by Maj. Henry E. Alvord.
21. Hop in Drill Hall. Annual reunion of Alumni of M. A. C. in Boston.
22. Adjemian resigns from the Agricultural Club.
27. Day of Prayer for Colleges.
31. Ninety-Nine INDEX comes out.



February.

2. *Aggie Life* states: "P. C. Brooks is a Freshman."

7. President Goodell gives a lecture under the auspices of the N. H. S.
10. "Thirty-three sinners late for Chapel."
11. Military ball.
13. Professor Clark addresses Y. M. C. A.
15. Professor Kinney tells Munson that he has a "merry-go-round."
18. Lecture in Chapel by Professor Emerson, of Amherst College.
19. Popular exam. in Mathematics.
22. Everybody sleeps until ten o'clock.
23. No singing in Chapel.
25. Lecture to N. H. S., by Dr. Wellington.
28. Brown forgets to report for rehearsal.



March.

2. Professor Flint says, "Gold bricks are made of lead."
3. Professor Babson holds rehearsals. Brown forgets to come.
4. Lecture by C. L. Flint under auspices of the N. H. S.
5. Dairy Institute at the farm. Great revival in Chapel, led by such noted speakers as Cooley and Burrington. Note.—Cooley forgets his gestures.
10. *Aggie Life* election. Y. M. C. A. election.
11. Professor Clark, of Amherst, lectured to N. H. S.
17. A St. Patrick's Schlusskneipe.
19. "Martin's Human Body" digested and assimilated. Note.—No bodily waste.
20. Exams.
24. Winter term closes.
31. Dr. Walker hires a suspicious character to watch his hencoop over night.



April.

4. Adjemian and Bridgeforth lecture to the Amherst Grange.



Spring Happenings

April, 1898.

6. Spring term begins. Uncle Sam calls for one of our cannons. Junior Class adopts the honor system.
7. Crowell to Professor Babson: "Is that word spelled right?" Munson: "Yes, that's all right."
8. Professor Flint tells a big yarn, and then says he believes it because he told it himself.
9. C. A. C-11: "Why don't surveyors use feet? Chains don't make much impression on me." Professor Ostrander: "Well, they will before this term is over."
10. Annual Catalogue appears.
15. Ninety-Nine plant their class tree.
19. Lieutenant Wright called away to join his regiment.
23. Aggie *vs.* Haydenville A. A., baseball.
25. Hal. raps on Sammy's recitation room door.
26. Hal. raps on recitation room door for second time.
27. Aggie *vs.* Vermont Academy, baseball.
29. Sam Smith loses his key while singing at the concert in North Amherst.

"The golden key
That opes the door of eternity."

May.

2. Great excitement over war news. Prexy calls for three hearty cheers, and gets them.
4. Aggie *vs.* Northampton Y. M. C. A., baseball.
9. Five Aggie men mustered into service at Fort Warren.
12. Freshman botany trip.
13. Aggie *vs.* Amherst College, baseball. Special class in Chemistry formed.
18. Aggie *vs.* University of Maine, baseball.
21. Aggie *vs.* Williston Academy, baseball. Oratorical speaking contest for Burnham fours.
25. Committee of the Legislature visit the College.
27. Senior flower bed started.
28. Aggie *vs.* Trinity, baseball.
29. No Chapel exercises.



June.

1. Nineteen Hundred *vs.* Nineteen Hundred and One, baseball. Nothing won.
2. Lecture in Chapel, under the auspices of the Freshman Class, by H. H. Goodell.
3. Song of Nineteen Hundred and One :—

“One, two, three,
Balance to me.
Now your right foot is lazy,
Your left one goes crazy ;
But don't get un'azy,
And we'll teach you to swim.”

4. Aggie *vs.* Williston, baseball.
7. Nineteen Hundred and One bolt Professor Hasbrouck.
8. Prexy bolts the Freshmen.
9. Prexy bolts the Freshmen.
10. Prexy bolts the Freshmen.
12. Drill-hall roof receives a coat of paint. Senior vacation.
15. Exams. Ninety-Nine bolts Dr. Wellington.
16. Nineteen Hundred bolts Professor Maynard. Debate in Chapel:
Bridgeforth *vs.* Nineteen Hundred and One.
17. Freshman Class banquet.
19. Baccalaureate sermon delivered by Rev. Crooker. Y. M. C. A. address, by Dr. Clark.
20. Burnham prize speaking. Fraternity banquets.
21. Flint oratorical contest. Patriotic address. President's address.
Commerz in the Drill Hall.
22. Graduating exercises.
23. College closes. A long farewell to the class of ten.





Summer Happenings

June, 1898.

24. Vacation begins. Entrance exams.
25. Entrance exams.



July.

1. First announcement of Chili's fate.
2. Announcement confirmed; Chili married. Nineteen Hundred sends congratulations and a highchair to the happy couple.
3. 12 P. M. Mortar speaking contest.
"I speak in a monstrous little voice."
4. Fourth of July. Professor B-ks has a skyrocket.
5. News of fate of Captain W. M. Dickinson.
- 6-30 Inclusive. Summer School students inspect the College and Experiment Station Buildings; particularly the Experiment Chemical Laboratory.



August.

1. News of death of Harvey R. Atkins, ex-'96, Private, Co. I, Second Massachusetts Regiment U. S. V., reaches Amherst.
6. Some Aggies?
"Adrift in an open boat on a storm-tossed sea;
Below, the Golden Gate —."



September.

- 7, 8. Entrance exams. Vacation over.



Fall

Happenings



September, 1898.

9. College opens. Football goals are erected.
12. Church plays football.
13. Freshman-Sophomore rush on campus.
15. County Fair. Special attractions.
16. Professor Lull says he is tired of pumping knowledge out of a dry brain. Nineteen Hundred and One bolts Professor Cooley.
Y. M. C. A. reception to new men.
18. Bible classes organized.
19. Pingree finds an interesting letter at the Hatch Lab.
22. Greenfield Fair. Delegation from Aggie.
24. Football, Aggie *vs.* Holy Cross.
29. Nineteen Hundred bolts Dr. Wellington. Who stole the Freshman rope?
30. Auction of R. R. periodicals.



October.

1. Aggie *vs.* Worcester Tech., football.
2. Rev. Mr. Hartt fills the Chapel pulpit.

4. INDEX Board photographed. Nineteen Hundred and One INDEX Board elected.
5. Lecture by Captain Wright.
6. Judge Munson in Hamp.
7. N. H. S. reorganized.
8. Aggie *vs.* Amherst, football.
11. Nineteen Hundred and One, Mountain Day.
12. Nineteen Hundred bolts Dr. Wellington. Nineteen Hundred and One challenge Nineteen Hundred and Two to rope pull.
14. Rope pull: Nineteen Hundred and One victory. Reception to Trustees, by Faculty and students.
15. Aggie *vs.* Vermont Academy, football.
16. McCobb has his hair cut. Hinds ditto.
17. *Aggie Life* Board picture taken.
18. Nineteen Hundred inspect Sam's cold-storage cellar.
23. Aggie *vs.* Williston, football.
24. Rev. R. C. Bell occupied pulpit.
26. Sophomores and Freshmen meet on plant-house walk.
27. Freshmen *vs.* Sunderland, football, 11-11.
28. Freshman Class sweaters and hats. Well?
31. Home run; Nineteen Hundred and One at the bat.




Massachusetts
Agricultural
College



Twenty-Eighth
Commencement



June 22, 1898 

Commencement.

June 22, 1898.

Sunday, June Nineteenth.

BACCALAUREATE SERMON, by Rev. Joseph Henry Crooker,
of Troy, N. Y., 10.45 A. M.

ADDRESS BEFORE THE COLLEGE YOUNG MEN'S CHRIS-
TIAN ASSOCIATION, by Rev. George H. Clark, of Malden,
8 P. M.

Monday, June Twentieth.

BURNHAM PRIZE SPEAKING, Freshman and Sophomore
Classes, 8 P. M.



Sophomores.

F. G. STANLEY	.	.	.	.	.	.	.	.	.	Springfield.
	"THE MAN FOR THE CRISIS."									
C. A. CROWELL	.	.	.	.	.	.	.	.	.	Everett.
	"THE HISTORIC CODFISH."									
J. W. KELLOGG	.	.	.	.	.	.	.	.	.	Amherst.
	"THE OLD MINSTREL."									
H. BAKER	.	.	.	.	.	.	.	.	.	Dudley.
	"TRUTH AND VICTORY."									



Freshmen.

W. C. DICKERMAN	.	.	.	.	.	.	.	.	.	Taunton.
	"THE HERO OF MANILA."									
G. R. BRIDGEFORTH	.	.	.	.	.	.	.	.	.	West Moreland, Ala.
	"HOW THE GENERAL PAID HIS DEBT."									
H. J. MOULTON	.	.	.	.	.	.	.	.	.	Milford.
	"COLLEGE OIL CANS."									
A. C. WILSON	.	.	.	.	.	.	.	.	.	Boston.
	"THE ANGLO-SAXON ELEMENT IN CIVILIZATION."									

FRATERNITY BANQUETS, 10 P. M.



Tuesday, June Twenty-first.

ALUMNI MEETING in the Mathematical Room, 9 A. M.

ANNUAL MEETING OF TRUSTEES, at the office of the
Hatch Experiment Station, 9.30 A. M.

Flint Prize Oratorical Contest.

Junior Class.

CHARLES M. WALKER	Amherst.
"THE SPANIARD AND THE CUBAN."	
WARREN E. HINDS	Townsend.
"LIBERTY ENLIGHTENING THE WORLD."	
HOWARD E. MAYNARD	Amherst.
"THE SHAW MEMORIAL."	
DAN A. BEAMAN	Leverett.
"TELEGRAPH MONOPOLY."	
BERNARD H. SMITH	Middlefield.
"THE COLONISTS OF VIRGINIA AND OF MASSACHUSETTS."	
FRED H. TURNER	Housatonic.
"THE FREEDOM OF THE PRESS."	



MEETING OF COMMITTEE ON EXPERIMENT DEPARTMENT,
at the office of the Hatch Experiment Station.

PATRIOTIC ADDRESSES AND PRESENTING OF MILITARY
DIPLOMAS.

Charles H. Allen, Assistant Secretary of U. S. Navy.

James L. Bowen, of Springfield, Mass.

M. Fayette Dickinson, of Boston, Mass.

SUPPERS OF VARIOUS CLASSES, 6 P. M.

RECEPTION BY PRESIDENT AND TRUSTEES, 8 to 10 P. M.

KOMMERS OF TRUSTEES, FORMER STUDENTS, FACULTY
AND UNDERGRADUATES, in the Drill Hall, 10 P. M.

Wednesday, June Twenty-second.

GRADUATING EXERCISES, ANNOUNCEMENT OF PRIZES,
and CONFERRING OF DEGREES.



Senior Appointments.

"The Dreaded Ptomaine"	JOHN P. NICKERSON.
"Civil Service Reform"	ALEXANDER MONTGOMERY, JR.
"The English Novel"	CHARLES N. BAXTER.
"Modern Light upon Monroe Doctrine"	RANDALL D. WARDEN.
"Methods of Feeding in Turkey and the United States"	AVEDIS G. ADJEMIAN.

Thursday and Friday, June Twenty-third and Twenty-fourth.

EXAMINATION OF CANDIDATES FOR ADMISSION, at the
Botanic Museum.

Honor Men.

Grinnell Agricultural Prizes.

C. G. CLARK, First.

G. H. WRIGHT, Second.



Hill's Botanical Prize.

WILLIS S. FISHER.



Military Appointments.

ALEXANDER MONTGOMERY.

R. D. WARDEN.

G. H. WRIGHT.



Flint Oratorical Prizes.

ELMER W. HINDS, First.

B. H. SMITH, Second.



Barnham Prizes.

Sophomores.

F. GUY STANLEY, First.

HOWARD BAKER, Second.

Freshmen.

A. C. WILSON, First.

GEORGE R. BRIDGEFORTH, Second.



Freshman Drawing.

DICKERAN B. TASHJIAN.

Massachusetts Agricultural College.



College Colors.

Maroon and White.

College Yells.

Rah! Rah! Rah-rah-rah! A! G! G-I-E! Rah! Rah! Rah-rah-rah!

Hokey-pokey! Ricka-racka! Hi! Ro! Re! Rig-a-jig-a-boom! Boom!
M! A! C!

Ag-gie! Ag-gie! Rah-rah! Rah-rah!

Ag-gie! Ag-gie! Rah-rah! Rah-rah!

Yo-yah! Yo-yah! Aggie! Aggie! Rah! Rah! Rah!



Review of the Year.



SUCCESSFULLY managed institution should show some marked progress and improvement each succeeding year. The past year of our College has truly been one of decidedly marked progress in its various departments, and the improvements have indeed been many. The English department has improved its course of study, especially in the branch of Rhetoric. More original work is to be done in the form of essays and other writing, and there will be more required reading and reference work than has been done heretofore. This has already shown its effect, and the department feels repaid for its labor. The study of Astronomy has been added to the list of Senior electives, with Professor Ostrander as instructor. This study fills a long felt want among students. Geology will be taught by Professor Flint. Herein lies an opportunity to become well acquainted with both the chemical and the physical side of the study. It will follow closely the study of Mineralogy as taken in the Sophomore year, making the course very complete. Owing to the extremely short time allotted for the study of Physics, the study of Mechanics, formerly taken up in the fall term of the Junior year, has been transferred to the winter term of the Sophomore year. The entire time allotted for Mathematics in the Junior year will be devoted to the subjects of Light, Heat, and Electricity.

In the spring of 1897 a special class in Chemistry was introduced by Dr. Charles Wellington, with Mr. C. A. Peters, '97, as instructor. The object sought was to help those intending to take up Chemistry to advance more rapidly than is possible in the regular course, as well as to assist the already advanced student. The course was thoroughly practical, personal instruction being given. A number of men availed themselves of this fine opportunity, and derived a great deal of benefit for so doing. The special course was continued through the summer, under the name of the M. A. C. Summer School of Chemistry. It was a decided success, and we sincerely hope this special work will be repeated this year.

The series of eleven short winter courses, introduced for the first time last year, proved a success. Although the attendance last winter was comparatively small, the prospect of having a larger class this year is good. These courses are thorough, practical, and complete, and, undoubtedly, if better known would attract a larger number of students.

There has been no change in the Faculty. All are continuing to do their best work to further the interest and welfare of our College at large. We extend our heartiest wishes for their success and prosperity.

In the way of improvement, our buildings have received marked attention. North College has had the usual repairing, together with some remodeling. The new bathrooms and lavatories are now complete. Hot and cold water may be had at all times, making it very convenient for students rooming in the dormitory. The reading room situated in this building is to be fitted out with heating coils, so placed as to heat the room uniformly. The one stove is quite insufficient to do the required work. A new training room has been fitted up in the basement of South College, with rubbing table, lockers, hooks, benches, and other necessities. This room is greatly appreciated by all, since in the past such a place suitable to properly carry on this part of athletic training has been unknown.

The Physical Laboratory has formerly been situated in the Chemical building. The fumes from the chemicals, which, in spite of the greatest care, entered the room and cases, proved very injurious to the delicate instruments. The question of how to avoid the damage presented itself. This has been nicely settled with the construction of a new and more modern laboratory, distinct and apart from the others. The President's recitation room, ample and large, has been used for the purpose mentioned. The new laboratory has been newly equipped with a complete stock of physical and electrical instruments. A new dynamo has been set up in the basement of North College, with wires connecting it with the storage bat-

teries in the new room. With the new equipment a better course in Physics is offered, and there being more time given for instruction, the practical side of Heat, Light, and Electricity will be better expounded and illustrated.

A special appropriation of \$1,000 has been assigned to the Chemical department for the purchasing of new supplies this year.

A magnificent new Veterinary building, with hospital connected, is in process of construction. Since so much attention is given to the study of Veterinary in this institution, and because the work of this department has been carried on for past years in extremely small and crowded quarters, the Trustees and other officers of the College set themselves to work to obtain the necessary funds for a building that would be a credit to any university in the country. This handsome building is described on another page. The Veterinary Museum has heretofore been crowded into the Zoölogical Museum. The new laboratory will contain apartments specially set aside for specimens, thus relieving its overcrowded neighbor.

Another new building is nearing completion, in which the work carried on will be under the direction of the Hatch Experiment Station. The best methods of dairying for profit and progress will be studied, experiments will be made, and the best results given to the public. The building will be up to date in every particular, as will be the apparatus used for carrying on the work. It will add to the splendid collection of buildings already on the college grounds, as well as to the strength of the Hatch Experiment Station located here, the authoritative experimental work of which is so well known in the United States and Europe.

Our athletics have been greatly improved during the past year. On account of the shortage in time we had no intercollegiate meet, but the interest was not lacking in the least. Many of the men were out training with as much vigor as would be displayed preparing for a meet. The Baseball Team was supplied with a complete new outfit of suits, shoes, jerseys, and so forth. It was a pleasing sight to see our "Aggies" in position for play, arrayed in their new uniforms. As the score shows, our team played much better ball last spring than during the preceding year. There was no rant among the players; each man did his best work for his college. The excellent quality of the teams played is an important item worthy of mention. The fact that all the opposing teams represented good colleges of high standing, shows our College is recognized as holding a prominent place in athletics with them. We are very desirous of pushing to the front the importance of athletics as a necessary factor in connection with every institution of learning; and it is very gratifying to all to know

that a great improvement has been made along these lines. The matter of having an athletic field was strongly advocated at the mass meetings held in the Chapel from time to time. This has been a constant theme for discussion ever since the proposition was made, and it is needless to state that this College should have an athletic field that will do her credit. We have no reason to be other than proud of the Football Team. The strongest and best-developed eleven for years represented the College this fall. This is partly due to the excellent coaching of Dr. Weeks, formerly quarter-back on the strongest team the University of Pennsylvania ever had up to 1897. Dr. Weeks won the heart of every player by his courteous manner, authoritative decision, and splendid generalship. Entirely new formations were used with good effect, especially the famous "guards back" formation, showing very clearly that proper instruction is a first and important thing to obtain in order to show what our men can do. New supplies were furnished this year. The Football Association was well supported financially, and the enthusiasm will undoubtedly increase as the years go by. The team has been well cared for in every respect as regards their training. A dining table set apart for the players was obtained, and special food was prepared for them. The fine new training quarters made the afterpart of practice a source of delight, for never has our team had better massage treatment. But there is one drawback, however, that presents itself in this, sometimes, as well as in other colleges. This year it has been rather hard to get a second eleven out to line-up against the 'Varsity Team. When this obstacle has been removed there will be little left for criticism. The quality of the games played has been of the first; and much credit is due to those in charge of affairs. We wish to express our best wishes for success to those who will represent their Alma Mater on the gridiron in Ninety-Nine, as well as to those in authority.

F. G. S.





My Reveries

With book in hand and dreamy eyes,
Beside the latticed window, stands
My lady fair. What mem'ries rise
Of happy days in distant lands!

How often have we paced the glen,
Or swam the stream in lazy boat!
How often have we heard the wren,
And caught the lark's belated note!

How often have I sung her charms
Upon my lute, well tipped with jade,
As softly with their sylvan psalms
The swaying pines sweet music made!

O tell me, lady, is it true,
That now your thoughts are far away?
That now, I simply am to you
A lover of dim yesterday!

The Military Ball.



Patronesses.

Mrs. H. H. GOODELL.

Mrs. CHARLES WELLINGTON.

Mrs. C. A. GOESSMAN.

Mrs. G. F. MILLS.

Mrs. J. E. OSTRANDER.



Committee in Charge.

J. S. EATON, *Chairman*.

F. H. TURNER.

A. MONTGOMERY, JR.

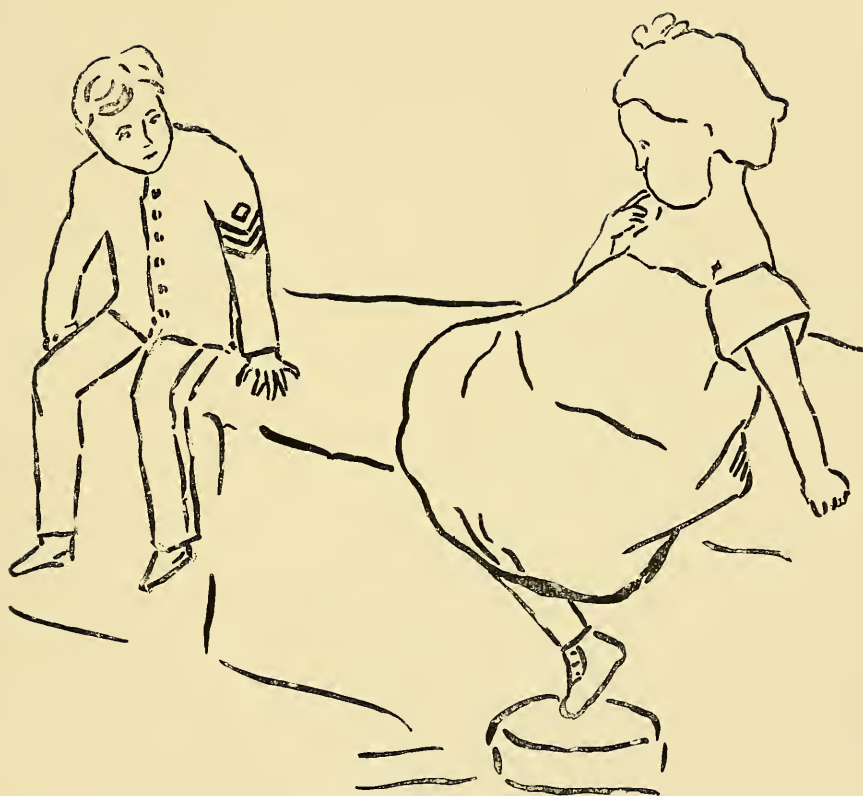
Y. H. CANTO.

R. D. WARDEN.

D. H. BEAMAN.

J. P. NICKERSON.

E. M. WRIGHT.

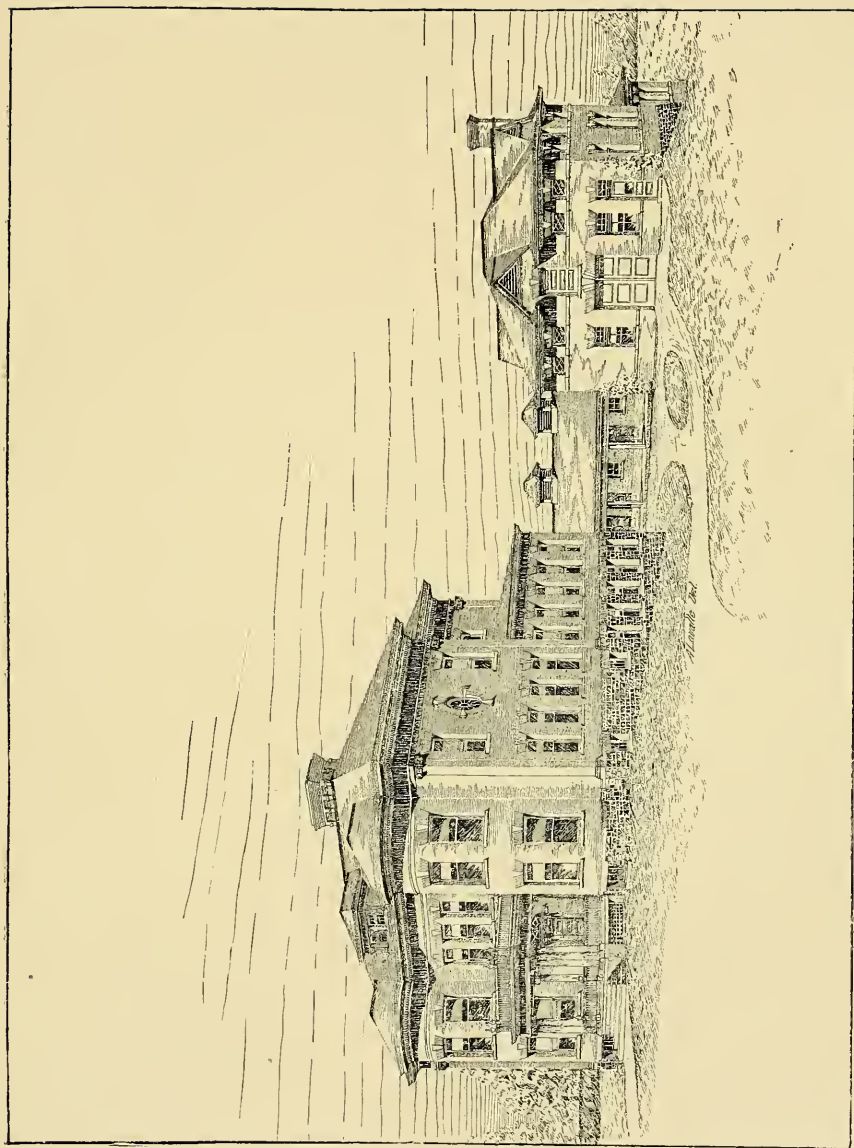


The Veterinary Laboratory and Stable Hospital



HE accompanying illustration is a representation of the new Veterinary Laboratory and stable Hospital which is now being constructed on the college grounds, south of the drill hall. The buildings will cost \$25,000, which was appropriated by the last Legislature.

The Laboratory will be a two-story brick building, with a French roof and brownstone trimmings. Passing through the front entrance there is a vestibule which is eight by five feet. At the right of the hall is the main laboratory, extending the entire length of the north side, which is sixty by twenty-three feet. Near the middle of the room is a large laboratory table with sinks, and at one side there is to be a large thermostat, built of brick, provided with close-shutting iron doors, which is to be used for the cultivation of organisms which thrive only at a temperature very near that of the human body. In the rear of the room are store closets and a balance room. The interior of this room will be made of natural brick, covered with Wadsworth, Howland & Co.'s white finishing enamel. Opposite each window a table will be placed which will accommodate two to four students, and enough tables to accommodate from twenty to twenty-five students working at one time. At the left of the entrance is the office and private laboratory of the professor of the department, and in the rear of the hall is the lecture room, which will accommodate forty students. At the left of the lecture room on the south side, completely separated by a brick wall from the rest of the building, is a room for small animals, a toilet, and storeroom. Like the laboratory, they are to be built of brick, finished in white enamel, and asphalt floor. Between the hall and the lecture room is an elevator, which runs from the basement to the attic. Back of the office is the open stairway leading to the second story, and to the basement, which contains a storeroom, heater, workshop, and a hallway leading to the rear door. On the second story is a chamber for the janitor of the building, located on the southeast side, a private lab-



The Veterinary Laboratory and Stable Hospital.

oratory over the hall, and another one on the northeast side. On the north side, over the laboratory proper, is a photographing room, a dark closet, and over the lecture room is the Museum. The building will be heated by a combination hot-water ventilating and heating apparatus. Fresh air will enter the rooms about eight feet from the floors through the wall register, and escape through a floor register on the same side and opposite corner, and passing through ducts into the ventilating stack in the center of the building, which is five by seven feet. The workshop will be provided with a water motor, to furnish power for lathes and centrifugal machines.

The Hospital barn, which will be of brick, with brown-stone trimmings, will be located exactly fifty feet in the rear of the laboratory. The main part will be two stories, with an ell extending south and west one story, and a one-story ell extending west. At the right of the main door is the office, and at the left is the grain bin, hay chute, and sawdust bin. The rest of the room is used for stalls for horses. In the ells are the dissecting room, rooms for poultry, dogs, cattle, sheep, and pigs, and two isolating rooms eight by eighteen feet, which will be used for experimental purposes. The different sections are so separated as to prevent the spreading of any disease, and each section will be provided with the best ventilating, heating, and lighting apparatus that can be obtained.

Prof. James B. Paige, who has charge of the veterinarian department of the College, is a graduate in the Class of 1882, and of the Montreal Veterinary College in 1888. In 1890 he became Professor of Veterinary in the College, and has served faithfully in that position ever since, doing all in his power to improve the veterinary department as well as the College itself. In 1895 and 1896 he was absent in Germany, where he studied in the veterinary school at Munich, under Professor Kitt, and also in the medical department of the University of Munich. Professor Paige has made a special study of different plans of veterinary buildings, and he believes that the buildings to be erected are to be the most complete of any in this country or Canada. The architect is E. A. Ellsworth, of Holyoke, a graduate of the College in the Class of 1871. It is through the untiring efforts of Professor Paige that this valuable addition to the College has been obtained.

In Loving Remembrance of

Walter Mason Dickinson,

Captain 17th United States Infantry.

Pupil. Teacher. Soldier.



Mass. Agricultural College, 1877.

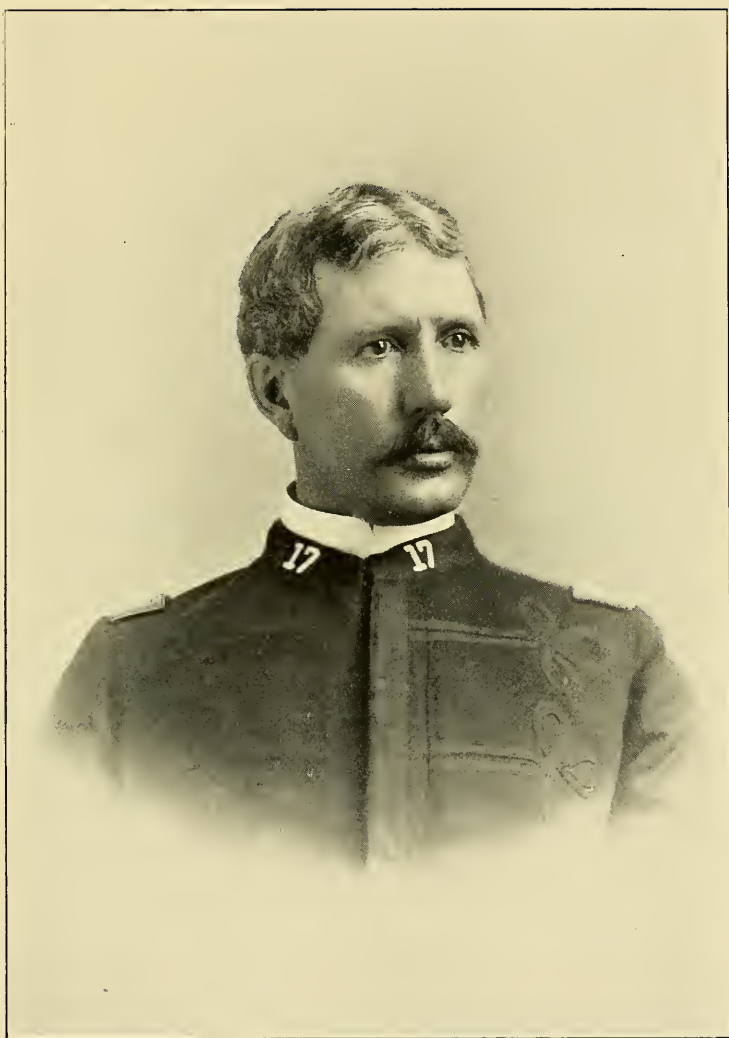
West Point Academy, 1880.

Born in Amherst, April 3, 1856.

Died on the Field of Battle, El Caney, July 2, 1898.



*“The day will surely come when one could wish no other epitaph than this,
He lived and died an American citizen.”*



Walter Mason Dickinson.

Capt. Walter M. Dickinson.

Killed in the Battle of Santiago, July 2, 1898.



When came the nation's call to arms, we thought
That war's relentless hand would hold afar
Its iron weight from us. Alas! the scar
Is now within our hearts; we ne'er knew aught.
From out our number one brave soul was sought
To die a hero's death. No time can mar
Our memory of him; nor e'er debar
The lesson that his glorious death has wrought.

A soldier firm and true was he; and one
Who knew the worth of careful discipline.
With smile and welcome hand for all, and mind
E'er filled with brightening thoughts, he was a son
Of Massachusetts. Thus he died within
The heat of battle, and left his all behind.

HERMAN BABSON.



ALTER MASON DICKINSON, son of Marquis F. and Hannah Williams Dickinson, was born at the family homestead—the first house on the right to the north of the Agricultural College—on April 3, 1856. As a boy he attended the primary school at North Amherst, and later the grammar and high schools of Amherst. He entered the Agricultural College in the Class of 1877, and remained nearly three years. It was his desire to enter the Naval Academy at Annapolis, but upon inquiry it was found he had passed the age limit. The late President J. H. Seelye, of Amherst College, being a member of Congress at the time, was able to secure for him an appointment at the West Point Military Academy. Mr. Dickinson prepared for the Academy at the Agricultural College, passed his examinations successfully, entered in the spring of 1876, and was graduated in 1880. During these four years of study and discipline, he returned home three times; once at the end of his second year, and once each succeeding year.

He was commissioned a Second Lieutenant in the Fourth Cavalry, serving in Indian Territory, New Mexico, and Arizona. He saw active service with the Indians in these territories. Later he was detailed to Fort Leavenworth, Kansas, for two years, to attend the School for Officers, taking the most advanced courses. At Fort Leavenworth he was married to Mattie E. Otis, daughter of the late George L. Otis, of St. Paul, Minn. He was next returned to Arizona for ten months; thence to Jefferson Barracks, Missouri, for three years; back again to Arizona for a few months, and finally to Walla Walla, Washington. At this post he was transferred, at his request, to the Seventeenth Infantry, going with them into Wyoming for a brief period, from which place he received his commission as military instructor at our College in the summer of 1892. He arrived in Amherst, in company with the writer, Monday afternoon, August 15th. Most of his military life having been spent in the various military outposts, the change to the comparative quiet of a New England village was indeed an abrupt one. He soon became accustomed to the life, however, and entered upon his work in an enthusiastic spirit. He was very conscientious in the performance of his duties, rarely, if ever, being absent from an exercise, except in case of absolute necessity. He was very successful in his work with the students, and brought the military department to a high degree of efficiency. He was justly proud of what had been accomplished, and frequently remarked to the writer that he thought "the boys did well." He was every man's friend, ever ready with an encouraging word or a helpful suggestion. It is believed that the young men fully appreciated his kindly feelings toward them, for all the boys seemed to hold their commandant in the highest respect and esteem.

The general appearance and drilling of the battalion at the competitive drill held in Boston in the spring of 1896 was extremely gratifying to the Lieutenant. It is the opinion of the writer that he firmly believed the M. A. C. Cadets should have been given first place; yet, like a true soldier, he never complained, or expressed any dissatisfaction at the award of the judges.

As the years passed he seemed to become more attached to his boyhood home, and was wont to remark that he had no desire to go west of the Mississippi again. So much did his work, the love of Amherst and its inhabitants appeal to him that, had it been possible, he would have been content to have made the town his permanent home.

His four years' detail expired in August, 1896, and he was ordered to report to his regiment at Columbus Barracks, Ohio, where he was

located till the Spanish-American war began. He returned to Amherst for a brief visit, especially to see his aged parents, in the summer of 1897.

The Seventeenth Regiment left Columbus for Tampa, Fla., on the 19th of April, and remained there until it sailed for Cuba in company with the first army of invasion. Lieutenant Dickinson was Regimental Quartermaster, and was very busy during much of the time after leaving Columbus Barracks. In a letter dated Tampa, June 6th, he writes: "I have a little time, and will drop you a line to say 'good-by,' as we expect to board the transports this evening. Our baggage is all packed, and the only thing now to be done is to pull down the tents,—fifteen minutes' work,—and we are off. . . . I don't know where we are going, but somewhere to-night, beyond doubt. Colonel Haskell has just told me he thinks it is Santiago."

His last letter to the writer was dated Transport Cherokee, off Santiago, June 20, 1898: "Here we are off the coast of Cuba, and ready to land somewhere in this vicinity. . . . We have had a nice trip, but had to run slow, on account of some slow boats. I wonder when I shall see Amherst again." This letter was received on the morning of July 4th, two days after his death.

The Seventeenth landed at Baiquiri, a small village some fifteen miles from Santiago, on June 22d, and began the march inland. Lieutenant Dickinson remained on the Cherokee until June 27th, overseeing the unloading of the stores. On that date he rode from Baiquiri ten or twelve miles to the front, believing, no doubt, there would be a battle next day. He returned to the transport June 28th, and completed the unloading June 29th, and that evening rode back to the front with Lieutenant Atkinson, Quartermaster of the Sixth Regiment. He remained with the Sixth an hour or two, and about 10 P. M. rode off to the Seventeenth, about one and one half miles farther to the right of the line. On June 30th the whole regiment moved still farther to the right, to the northeast of El Caney, and bivouacked late at night. The story of July 1st cannot be better told than by quoting from a letter of the late General Haskell, who commanded the regiment: "On the morning of July 1st Lieutenant Dickinson came to me and said, 'Colonel, I want to go with you to-day.' He had been with me always with the regiment on the march, unless occupied in his quartermaster duties, but none were required on this march. We marched up the mountain and down, through streams, over muddy places, on the slippery side of the hill, etc. . . . About nine o'clock I was directed to reënforce the extreme right. . . . I had to hunt for a position that I could fire from, . . . and having found this, had to cut down a wire fence to enter. Lieutenant

Dickinson was by my side all this time. I had just taken a view of Caney, and decided where to put the regiment, when my right boot was struck in the sole near the heel. Just then my left arm dropped to my side. Then the dear boy sang out, 'Colonel, I am gone; they have shot me clear through;' then his right arm dropped; he was shot through the right forearm. Then a ball struck my right knee and knocked me down."

This occurred while the Colonel and Lieutenant were in an open field, somewhat in advance of the regiment, the latter being sheltered behind a hedge. Lieutenant Dickinson, wounded in the arm and through the abdomen, appeared to have had sufficient control of himself to get back to his regiment unaided. He was placed upon a litter, attended by Surgeon Ebert, and carefully watched over by kind friends. He remained in the firing line until four o'clock in the afternoon, when he was carried to the rear and placed in the temporary hospital. During the day he received two more wounds, one in the right leg, and a slight flesh wound in the arm. As he received the last wound he raised his eyes to his attendant and gave a look which was intended to mean, "You see I am the target to-day." In the evening he was removed, at his request, from the hospital to a mango tree near by. The morphine administered had more or less stupefied him, but he remained conscious till midnight, then gradually lost himself, and died peacefully at 2.30 A. M., July 2d. His body, dressed in uniform, and wrapped in his army blanket, was buried with one other officer and forty-one privates a short distance from the spot where he fell. He bore his sufferings bravely and quietly, and died a soldier's death.

He was once heard to remark that when he died, he hoped it would be on the battlefield, in defense of his country. Little did he realize how soon this wish would be fulfilled.

The body of the late Lieutenant Dickinson was brought to this country and buried with simple services in the Arlington Cemetery, at Washington, on November 10, 1898.

Lieutenant Dickinson was recommended for promotion on April 26th, and his commission as captain was signed and issued by President McKinley on July 14, 1898.

JOSEPH B. LINDSEY.

On Wednesday, November 9, 1898, memorial services in remembrance of Walter Mason Dickinson were held in the Stone Chapel at the Massachusetts Agricultural College. On the same day there was placed in the Chapel a bronze tablet set on Sienna marble, bearing the inscription with

which we open this memorial. On the tablet immediately preceding the quotation is inserted the words, "Erected by his college friends," and a simple design, a palm branch bearing a crown of oak leaves. The quotation is taken from an address of Lieutenant Dickinson, delivered in the Stone Chapel on March 9, 1896, in memory of the deceased Governor of Massachusetts, Frederick T. Greenhalge.

WHEREAS, it has pleased the Great Captain of the universe, through the cruel accident of war, to remove from our midst one whom we respected as a commandant and teacher, honored as a man, trusted and loved as a friend, the late Capt. Walter Mason Dickinson; and,

WHEREAS, we keenly feel our mutual loss, and deeply sympathize with his bereaved family, and sincerely mourn his early demise; and

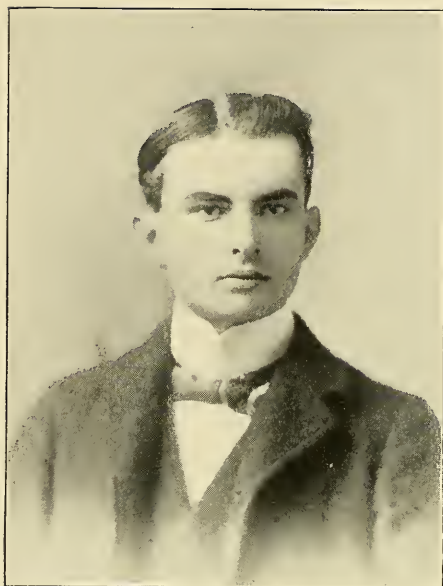
WHEREAS, we feel that the College has lost a true friend and loyal son, and the nation a brave and gallant soldier, and his family a kind and loving husband and a dutiful son; therefore, be it

Resolved, that we, the Class of Ninety-Six of the Massachusetts Agricultural College, whose privilege it was for four years to have him as commandant and instructor, do hereby extend to the bereaved family our sincere and heartfelt sympathy, and we deeply regret the loss to our army of an efficient officer, and to our College of a noble example of courage and fidelity to duty. And be it further

Resolved, that a copy of these resolutions be sent to the bereaved family; that another copy be filed at the college library; that another copy be sent to *Aggie Life*, to be published in the first issue; and that another copy be sent to the Nineteen Hundred INDEX, and published therein, and that a copy be kept and filed with the records of the Class of Ninety-Six.

B. K. JONES,
A. S. KINNEY,
H. H. ROPER,
Committee.





In Memory
of
HARVEY R. ATKINS,

Private of Co. I, 2d Mass. U.S.V.,

Massachusetts
Agricultural College,
Ex-two-year, '96.



Died in the service in front of
Santiago, July 26, 1893.



HARVEY R. ATKINS was born in Shutesbury, Mass., September 6, 1878. He attended the public schools at North Amherst City, and in the fall of ninety-four entered the Massachusetts Agricultural College as a member of the two-years' class of Ninety-Six. He did not finish his course, however; but left college, and entered Mr. Nash's private school, where he remained for two terms. After leaving Mr. Nash's he was engaged in various occupations; at the time of his enlistment he was motorman on the Amherst and Sunderland Street Railroad.

He enlisted at Northampton in Company I, Second Regiment, M. V. M., in the latter part of April, and went into camp at South Framingham with his regiment, where they were mustered into the United States service. From this camp the regiment went South to Lakeland, Florida, then to Tampa, from where they embarked for Cuba. On the day of the battle of El Caney he received a sunstroke, from the effects of which he never fully recovered. The next day he helped carry his wounded lieutenant to the division hospital, six miles in the rear, and on the following day rejoined his company. For three weeks he lay with his regiment in the trenches before Santiago, suffering continually from the effects of the sunstroke, till, on July 24th, it became necessary to leave the ranks. He was sent to the hospital, and, two days later, on July 26th, he passed away.

"Peace be to our nation's heroes."

The Chapel Bell.

[LIKE that bell—that ancient bell—
Of massive form and virgin gold,
As firm, as free from base alloy
As were the ancient hearts of old.

I like its ring in early morn :
It calls us to our daily prayers ;
We worship 'neath its massive form,
And to our God resign our cares.

It calls us from our thoughts divine
Of God, and all his wond'rous power,
To things of earth and duties here ;
And then again to end the hour.

I like that bell,—that ancient bell,—
What varied feelings round it cling !
It calls us to our mid-day meal ;
For that I like its old, old ring.

The Man in the Boat.

(Written for the Index by Herman Babson.)



It was one of those hot, sultry afternoons when we found ourselves at the spot chosen for our camp. To the right, and the left, and behind, Storm Mountain and its foothills raised their craggy sides straight into pure white, fleecy clouds; while in front, Sawkistu Lake lay shimmering in the afternoon sun. After a dip in the lake we went to work putting up our tent, and by six o'clock we had everything done. Nearby our fire crackled cheerfully under a pan of sputtering eggs and bacon, the care of which fell to my chum. Meanwhile, lying at full length in front of the tent, I lazily watched a hawk circling far above me.

"Bob," I remarked, without troubling to turn my head toward him, "I heard you mention lake trout this afternoon."

"Yes," he answered. "We'll try them to-morrow."

"Where's the best place?"

"Well, I don't know. But there's an old chap lives near here,—his house is back in the woods under the mountain,—who knows every hole in the bottom of the lake. He's called Old Brod—sort of a hermit, you know. I don't know him, but I'll walk over after supper and scrape an acquaintance."

"Do you mind if I don't go?" I asked.

"No. I'll be back by—by ten, anyway. It's a fairly good walk, but I'll clip it off at a lively rate."

We had our supper, cleared up, made our beds, and had a smoke. Then Bob took his gun and departed. I watched him out of sight, and then went into the tent to go to bed. The last thing I did before lying down was to pin back one of the canvas flaps.

A deep, far-away rumble of thunder, somewhere back of the mountain, awoke me. For a moment I lay listening to the dying reverberations, and then I raised myself on my elbow and bent over to see if Bob was with me. He was not. I got up, and striking a match found that it was midnight. Wondering where Bob could be, I went to the front of the tent and looked out. A bright moon, two or three days past the full, was already high above the eastern hills, and by its light I could clearly see the dark water of the lake below. I looked round for a while, and then, on the impulse of the moment, yelled Bob's name at the top of my voice. The cry rang up and down the shore, and back toward the mountain; and then, with echo after echo, it died away into silence. As I listened to catch the sound of a reply, I grew nervous. My mind became active, and I began to think of uncanny things; and with a shiver that I could not suppress I drew back into the tent and crawled under my blanket.

Once started on unpleasant subjects, my thoughts refused to quiet themselves, although I tried reciting verses and counting. At last I sat up to feel in the pocket of my coat for a match and a cigarette; and as I did so my gaze fell upon that part of the lake visible through the open tent flap.

I saw something that made my blood run cold.

About two hundred feet off from the shore, in the broad wake of the moon, lay a boat. In it, standing at his full height, was a man violently waving his arms. The boat was not ours, for I plainly saw the one we had brought moored in its usual place. The man was not Bob; that I knew instantly. But knowing this was only to increase my terror. Shivers ran up and down my back, my heart sank, my nerves tingled. I wondered if I was a coward; had I lost all manliness? What was there so terrible in the sight of a man standing in a boat and waving his arms?

At this moment Bob burst into the tent; whereupon I sprang to my feet and grasped his arm.

"Where have you been?" I whispered.

"I got lost," he said, excitedly, and with a voice as low as mine; "got lost like a fool. Old Brod wasn't at home, and I somehow got off the road on my way back. I had just reached the lake when I saw ——"

"Yes, yes," I interrupted. "Have you seen it?"

"The man off there in the boat, you mean? Yes. I have been watching it for the last five minutes. I heard you shout my name, but I didn't answer."

"My God!" I chattered through my teeth, "what is it?"

Bob took me by my shoulders and gave me a sound shaking.

"Look here," he said, "you haven't got a bit of nerve. Brace up, my boy. It's nothing but some fool trying to scare us. Now I'm going to scare him."

He grabbed a repeating rifle, and poking the barrel through the opening in the tent, fired. The report rolled up and down the night air as had my cry; but the figure and the boat remained as before.

Bob sank to his knees. "I did not fire to hit him," he said, "but, by Heaven, this time I aim straight at him. Look!"

Bang! We both peered through the smoke to see the effect of the shot, but Bob had missed.

Once more the rifle spoke; and once more we gazed toward the wildly gesticulating figure.

"Missed—again!" I cried.

"No!" retorted Bob. "No! I swear I hit him, for I aimed full and fair."

"But he is still unharmed," I said.

"Well, I'm going to fire again, and if I don't hit this time I'm going down there."

"What! Going down near that ——"

"Get back!" whispered Bob.

For a fourth time the report rang out; and when I saw that the figure still stood upright I felt as though the ground was slipping from under me. Again I grasped Bob by the arm.

He pushed me away—roughly.

"Let go of me, you coward!" he cried. "If you haven't the sand to come with me, stay here. But I tell you I'm going to take the boat and row off to *that* if I die for it!"

He jammed four cartridges into the magazine of his rifle, and bolting from the tent started to run for the shore. Urged on by the horror of being left alone I quickly followed him, and in a few seconds we were both beside the skiff. Bob untied the rope, jumped into the bow, and pointed for me to take the oars.

"Row," he exclaimed.

I half tumbled upon the thwart, shoved the oars through the pins, and gave a long sweep.

"Be quick, now," commanded Bob. "Pull on your right,—now your left,—left still more,—now steady—and hard."

The exercise sent the blood tingling through my veins, and I began to pull for dear life; but it seemed as though I had hardly begun, when Bob shouted for me to stop.

"We're almost on him," he said, speaking rapidly, "and in a moment you must back water. He is still waving his arms, and does not seem to see us. Don't turn round, for you will change our course. Get ready—I'm going to grasp him. Now! Back water—not so hard. Pull again—you've almost stopped. Pull—pull——"

In desperation I turned to look. The boat with a good headway was moving rapidly onward. Bob was standing up, holding fast to the rail. Nearer and nearer we came to the silent figure—our bow all but grating against the other boat's side. My companion, now breathing heavily, reached forward his right hand to grab the man, when—I shudder as I think of it!—the strange boat slowly but steadily glided backward out of reach, and then stopped.

"Look, look!" cried my friend. "He's backing away from us. I almost had my hand on him. See—he's moving his arms as wildly as ever. Row up to him again. I will find out what he is!"

Again I took the oars and pulled a few strokes; and again, just as Bob was about to place his hand upon the man, he and his boat glided away a few rods, only to stop as before.

In a fit of frenzy Bob raised the rifle and fired the entire contents of the magazine point blank at the figure. And when he saw it still standing and waving its arms, he began to swear. Finally, as though coming to his senses, he roughly pushed me into the stern, and took the oars himself. A third time we approached, and still again the boat with its occupant receded.

Then began a horrible chase. Time after time we drew near to this strange boat, only to see it float away untouched. Across a bend of the lake we followed it, until we found ourselves in shallow water and amid tangled lilies, reeds, and water grass.

"It has stopped again," said Bob, breaking a long silence. "This time we will reach it, for it can't go any farther. Here—row. I'm nearly dead."

I took the oars.

"Pull quickly," said Bob, moving back to the bow. "If I don't touch it this time, I'm going to jump."

"No you won't," I replied, sweeping the boat round so that we both could see. "So long as I have any strength left you will never leave this boat. Now keep still for a minute, and watch this thing."

We both looked—but there was nothing to be seen; the boat and the man had disappeared.

How we got back to our camp I don't know. But I remember that all that night we sat near our tent watching the lake. At last morning came, but we were in no mood to build a fire or to cook breakfast.

"We can walk over to a farmhouse that is half a mile back from here, and get our meal there," said Bob. "And then we can return and pack up. I've had enough of this place."

When we reached the yard in front of the house we saw the owner working in the garden. We at once asked if we could have some breakfast.

"Ye ain't tramps, be ye?" he asked, looking at us doubtfully.

"Oh, no; we ——"

"'Cause if ye are, ye can pass on. Where're ye from—eh?"

"We are campers from the lake," I ventured to explain. "We—er—we—well, you see we thought we'd rather walk over here and pay for our meal than cook it there."

It was a lame reason lamely put, and I knew it. So did our inquisitive friend. He approached us slowly, and looking us over said at last:

"Ye must like to walk—or p'r'aps ye don't know a durn 'bout cookin'—eh? Anyhow, I guess we can give ye somethin'. Come in."

He led us through the yard, and into the kitchen by way of the back door.

"We don't use our dinin' room in summers," he said; "so ye'll have to set here. Take them chairs, an' I'll see what we can give ye."

He went to call his wife, and I glanced round the room. My eyes fell on a picture—a cheap, crayon portrait in a gaudy, gilt frame, hanging over the mantel. Something in the features riveted my attention.

"Bob," said I, keeping my eyes on the picture, "don't you think that a queer place for a portrait?"

"Where? Oh, that—why—why, my dear man—look at it—look at it!"

At this moment the farmer returned.

"Who is that?" asked Bob, pointing to the picture.

"That," drawled our host. "Why, that's my brother. We don't get on very well—that is, we didn't. My wife wanted the picture hid away, but I be durned if I'd do it. 'He's my blood,' I said, 'after all; an' I'm goin' to keep him in sight.' So we compreremised the thing, an' I took it from the settin' room, an' hanged it here. P'r'aps ye knew him. He got drowned one night last year in the lake. He used to live alone up in the woods. Folks called him Old Brod. Well, one night he went out and got drowned. An' he ain't never been found sence. I 'suppose his body is all gone by this time. Sence he's died no one ain't been near his shanty 'cept Sim Jones,—an' he started a durn fool tale as how Brod appears in his boat on the lake whenever anyone goes to his house in the night. Sim's a fool, but that story, somehow or other, worked. Say—p'r'aps ye'd like to have me show ye his place. It's a queer old ——"

"Thank you, we won't trouble you."

I am sure that we both spoke together.

"Well, ye can do jest's ye like, of course," replied our friend, going into an adjoining pantry.

"It's he!" exclaimed Bob, his eyes glistening,—“the man in the boat. I can see him now, waving his arms ——”

"Yes," I answered slowly, "yes—it is he."

Presently our breakfast came, but we didn't enjoy it.



An Upper Classman's Recollection of His Freshman Days.

ONCE upon a midnight dreary
While I pondered, weak and weary,
Over many a quaint and curious
Problem of algebraic lore ;
While I nodded, nearly napping,
Suddenly there came a tapping,
As of some one loudly rapping,
Rapping at my study door,—
Only this, and nothing more.

Ah, distinctly I remember,
It was in the bleak November,
And each separate dying ember
Wrought a ghost upon the floor.
Eagerly I had wished the morrow ;
Vainly I had sought to borrow
Wings to take me from this sorrow
Waiting me outside the door :
Only that, and nothing more.

And a silken, sad, uncertain
Rustling behind my window curtain
Thrilled me, filled me with fantastic
Terrors never felt before ;
So that now, to still the beating
Of my heart, I stood repeating,
“ ’Tis but a visitor entreating
Entrance at my study door.
That it is, and nothing more.”

Presently the blows grew stronger ;
Hesitating then no longer,
“ Sir,” said I, or “ Sirs,” truly
Your forgiveness I implore ;
But the fact is I was napping,
And so softly you came tapping
That I scarcely heard you rapping.”
Here I opened wide the door,—
The Owl Club entered with a roar.

Back into the chamber turning,
All my soul within me burning,
In there rushed that stately Owl Club,
 As it rushed in days of yore ;
Not the least obeisance made they,
Not a moment stopped nor stayed they,
But picked me up and laid me
 Just outside my chamber door—
 Laid me there upon the floor.

“Wretches!” cried I, “things of evil!
Wretches still if men or devils,
Whether Tempter sent, or whether
 Tempest tossed thee here ashore,
Desolate, yet all undaunted,
Will I return to this enchanted—
To this room with horror haunted?
 Tell me truly, I implore.”
 Quoth the Owl Club, “Nevermore.”

“Wretches,” cried I, “things of evil,
Wretches still if men or devils,
By that heaven that bends above us,
 By that God we both adore,
Tell this soul, with sorrow laden,
If again in the distant Aidenn
I shall clasp a sainted maiden
 To this heart of mine so sore.”
 Quoth the Owl Club, “Nevermore.”

“Be that word our sign of parting,
Men or fiends!” I shrieked, upstarting.
“Get thee back into the darkness,
 Where other fiends have gone before!”
Then against the railing sinking,
I betook myself to linking
Fancy unto fancy, thinking
 What this ominous Club of yore
 Meant in croaking “Nevermore.”

And the Owl Club, then they stretched me
On their shoulders, and they fetched me
Out upon the College campus,

Regardless that no clothes I wore.
Not a sound could I utter,
Not a word could I stutter,
And I scarcely heard one mutter,
“Take him round to the farther shore.”
Quoth the Owl Club, “Deepest shore.”

Then those demons, then they swung me
While they counted, and they flung me
Far into the blackest waters,

And the water covered me o’er.
Left me then without a token,
Not a single word was spoken,
Left my loneliness unbroken,
Lying there upon the shore—
Humbled, yes, for evermore.



Extracts from Records of Class of Nineteen Hundred.

October 1, 1897.—Meeting called to order at 11.15 A. M. by President Gile. Twenty-five members present. Minutes of last meeting (Sept. 25, 1897) read and accepted. President Gile stated meeting was called to discuss the rope-pull matter, and asked for suggestions as to the best manner by which to induce the Class of Nineteen Hundred and One to accept our challenge. In order to promote the good feeling among the class members, a motion was made, seconded, and carried, to serve refreshments while the matter was being discussed. Committee appointed—Landers, chairman—to procure a half bushel of grapes known to be in hiding in Freshman Cooke's room. Committee reported in five minutes with grapes. Discussion continued.

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Rope stolen from Freshman divided among members. Motion was made, seconded, and carried, to return the basket which had contained the grapes, but now contained the skins only, to its hiding place. Same committee executed work. Meeting adjourned 12 M.

A—— M——, *Secretary.*

Approved, October 15th.

A. D. GILE, *President.*

“Life.”

“No author ever spar’d a brother.”

FROST (to Professor Babson, who is giving lectures a little too fast) :
“Hold on, there! What was that?”

PROFESSOR FLINT : “Well, gentlemen, that does sound like a pretty big story, but I believe it because I told it myself.”

SMITH COLLEGE STUDENT (pointing to Dana, '99) : “Does that nigger go to college?”

PROFESSOR BABSON (to class as it is about to go out) : “Please hand in all the paper you haven’t used; I am very *short*.”

STANLEY (in Chemistry) : “Zinc chloride turns to a black precipitate when you touch it with the point of a needle.”

LIEUTENANT WRIGHT (to Tash) : “You go into my office and practice blowing the scale!” (Tash blows with vengeance.)

LIEUTENANT (a few moments after, shaking his head) : “That sounds like the last wail of a lost soul.”

PROFESSOR OSTRANDER : “Mr. Stanley, you may explain the difference in pressure between five feet and one hundred feet under water.”

STANLEY : “Well! the farther down you go the deeper you get.”

PROFESSOR BABSON : “Please seat yourselves in this order, gentlemen, so I can call the roll without mentioning any names.”

YOUNG LADY OF AMHERST : “That man Pingree is a whole team with a dog under the wagon.”

FROST (to Baker) : “I wonder if it wouldn’t be a good thing for me to let my voice rest for a year or two.”

PROFESSOR FLINT : “Flint is made of Si O₂.”

THE MAN WHO CUT THE QUIZ : "How did you fellows get along up there in Botany?"

THE MAN WHO DIDN'T CUT : "All got stuck."

"What, every man got stuck in the exam.?"

"No; stuck in the mud, trying to get up there."

PROFESSOR COOLEY : "Is peat sweet or sour?"

OVALLE : "Sour."

PROFESSOR COOLEY : "How or what would you apply to sweeten it?"

OVALLE : "Sugar."

PROFESSOR FLINT (to Lewis, 'oo, taking out his watch) : "I'll give you five minutes to tell all you know."

LEWIS : ———

PROFESSOR FLINT : "That will do."

H. E. WALKER (to Stevens, who is looking for Fisher in Chapel) : "He isn't here; this is no Y. M. C. A. meeting; this is a 1900 class meeting. We're not praying; we are fighting."

LIEUTENANT WRIGHT (to Freshman) : "Don't point that gun at me, even if it hasn't a barrel or stock. You fellows think I am a walking insurance policy."

IN MILITARY CLASS : "Ahearn, where are your eyes in right dress?"

AHEARN : "In my head, sir."

COOKE (to Coach) : "I don't cut much ice in practice, but I'm all h—l in a game."

PROFESSOR OSTRANDER : "I don't give a rip. I tell you I have a pull with that INDEX. If I am roasted, the weather man loses his job."

LIEUTENANT : "Who is that man?"

STUDENT : "Herbert Dana's brother."

LIEUTENANT : "Well, the Lord must have made him and then thrown a brick at him."

PREXY (translating) : "His face was wrinkled like a pippin—Dawson, will you take it there?"

PROFESSOR LULL : "The head of the average student increases two sizes during his college course."

STANLEY : "Do you think mine will grow any?"

PROFESSOR LULL : "I don't know; I *hope* so."

HALLIGAN : "Do we get a day off to go to Belchertown fair?"

PROFESSOR COOLEY : "If you go you will get thirty days." (Cooley speaks from experience.)

FOOTBALL PROFESSOR (falling on the ice) : "Second down ; two feet to gain."

PROFESSOR COOLEY : "I don't get much of an idea of the animal from your description."

LANDERS : "Use your imagination."

PROFESSOR COOLEY : "You will have a chance to use *your* imagination when the examination comes."

MARK MUNSON : "My father has made *his* mark in the world, and I will make *mine* some day."

JIM HENRY (to a mathematically inclined student) : "Can you explain to me what the sign of an angle is?"

STUDENT : "Certainly. It is the ratio of the side opposite to the hypotenuse."

JIM HENRY : "Yes, I know ; but I have been working two hours, and cannot find out what the side opposite is."

MORRILL : "The composition of sugar is $C_6 H_{11} 22_1 O_{11}$."

PROFESSOR L—— (at military ball) : "O yes ; I tell you I'm a hot tomolly at this business. This is my first dance."

PREXY (to Class of 1900) : "I have just received a bill against the College for one hundred and fifty Novelty leg bands. Do any of you gentlemen know what a Novelty leg band is, or anything about them?"

CLASS (in unison) : "Probably a mistake in address. It was intended for Smith College."

DR. WELL—— : "We will have laboratory work to-morrow afternoon at 1.15."

HARMON : "Not by a d——n sight !"

DR. WELL—— : "Well, then, the next exercise will be as scheduled on Monday. I just wanted to obtain the sentiment of the class."

ROGERS (in a letter to a classmate during summer vacation) : "Am having a good time. We have everything here a fellow could wish—boating, bathing, tennis, golf, billiards, twenty-five young ladies, and a big barn."

B. H. A. (to an editor of INDEX) : "Say, are you fellows going to roast me in the INDEX?"

EDITOR : "No, sir. We won't roast you; you will roast in a hotter place than the INDEX some day."

CRANE : "Running record of English Thoroughbred—1.60."

MUNSON : "Professor, what is it that tastes so salty when you lap your upper lip?"

PROFESSOR MAYNARD : "Please, Mr. Halligan, will you stop your noise, pay attention to the lecture, don't throw squashes round the room, put that apple in your pocket, and let Harmon and Munson alone?"

HALLIGAN : "Yaas, sir."

FROST : "Professor, I don't see how I got a zero in that exercise?"

PROFESSOR B—— : "Sir, Mr. Frost, I distinctly remember that you were sound asleep during that exercise."

Dana borrowed Mr. Jones's horse and sleigh one night and met with an accident, and returned with a broken sleigh. The next night he borrowed the horse and cutter. The horse ran away again, and broke the cutter. Next morning Mr. Jones says : "Well, Dana, if you want to take your girl to ride to-night, you will have to take the old mare and the snow-plow."

PROFESSOR H—— (emphatically) : "No, sir! Not by a—good deal."



“1901 Baseball Team.”

WHEN, in the course of human events, a party, however great or small it may be either in number or intellectual ability, overcomes utterly insurmountable obstacles which roughen the road to notoriety, and, with eyes fixed steadfastly upon the goal of its ambition, pursues steadily onward, regardless of the means which it may use,—when a party has thus proven its worth, we say that that party should receive public encouragement; that that party should receive the hearty support of all mankind; that that party should receive what it wishes,—fame, notoriety. This we firmly believe, and believing, we act. Thus this:

To our notice has come a case of just such a party still struggling over the ups and downs of life. On the page opposite we reproduce a wonderful likeness of it; the name by which it is known to the world we will refrain from mentioning; the name by which it is known to itself is “The Entire Nineteen Hundred and One Baseball Team.” Born in a cellar, never fully organized, it has come upstairs into the world; it has risen from its lowly birthplace to the high pedestal upon which it now stands by much the same means as enables a balloon to ascend. However, we think we have noticed a leak, and unless immediate steps are taken to prevent the escape of gas we predict a total destruction. Its downfall is sure to follow, and happy be it if it fall into the cellar from whence it came, and not into that smaller cellar from which no man rises.

Our mission here is to help struggling humanity to reach notoriety,—the goal of its ambition,—and to this party we will offer advice which may be of assistance in accomplishing its end: if fame is your ambition play football. Let baseball alone; it has no use for you. You will remember that “sweets are for the sweet”; so, too, the pigskin filled with wind is for you. Concentrate yourself into one man, be a good guard, and on the gridiron shine.



"1901 Baseball Team."

IN MEMORIAM.

In Memory of

The Owl Club

Massachusetts Agricultural College, '98,

Deceased.



WHEREAS, It has pleased the all-wise Faculty to remove from our midst the beloved and much cherished organization, The Owl Club; and,

WHEREAS, Recognizing its many virtues and manly qualities, and keenly feeling our mutual loss, and deeply sympathizing with its bereaved patronizers, the Sophomore Class, in their afflictions, and sincerely mourning its early demise; and,

WHEREAS, We feel that the College has lost a most useless characteristic feature, and the Sophomore Class a degenerated offspring and an over-abused liberty; therefore be it

Resolved: That we, the active members of the Class of Nineteen Hundred and Two of the Massachusetts Agricultural College, whose privilege it has been never to have been initiated into its mysteries, do hereby extend to the bereaved patronizers our sincere and heartfelt sympathy, and congratulate them on their loss. And be it further

Resolved: That a copy of these resolutions be published in the Nineteen Hundred INDEX of the Massachusetts Agricultural College, and another be kept and filed with the records of the Class of Nineteen Hundred and Two.

J. K. WARDEN, }
F. R. CHURCH, } *Class Committee.*
M. A. BLAKE, }

“The Class of Ten.”

(In grateful remembrance of their helping hand.)

TWA years again
It is, my laddie,
Syne ye’s e hae hear’t
Frae ony boddie.

An’ then it was
Ae little classie,—
“The Class of Ten”
It was, I swannie.

An’ now ye read
O’ men sae brawnie,
An’ of the deeds
That they hae donnie.

But it was guid
Ae while we’s e tarrie,
An’ gie our thanks,
The little classie.

Hoot mon, na’ much!
They ne’er were fraidie!
An’ mony fights
They had an’ wonnie!

They were sae bauld,
Sae the story runnes,
They danced an’ sang,
An’ fecht for funnes.

An’ I hae heard—
It is na’ kennied—
That muckle bree
Thir throates wittied.

But if 'twas sae,
It never shawie,
Though some could smeeke,
An' reekit right wellie.

What a' thir faults—
They were na' mony—
Twa ropes they pulled,
An' pulled quite strongie.

An' 'twas to them
We owe our pankie;
Twa ropes we pulled,
An' pulled quite langie.

Sae here's a cheer
For the wee classie;
May ye marry
Right weel, ma laddies!



Paradise Lost.

(Written for the 1900 Index by J— L—.)

AFTER considerable urging on the part of the editor for a contribution to the literary columns of the INDEX, I have finally decided to contribute an account of a personal experience heretofore unknown to anyone but myself and my roommate. It was very reluctantly that I have made such a decision, and I have brought myself to do so for one reason only: in the largeness of my heart I wished that others might profit, as I have done, by the example set forth, and learn its lesson without the hard trial of passing through the terrible ordeal.

It was about a year ago this time, perhaps a little earlier in the fall, but the evenings were quite cool. We were being pushed pretty hard in our studies, particularly in mathematics, and night after night I had labored on far toward midnight, only to be driven from my half-finished work by the increasing coldness. Peculiarly enough, the cold always affected my feet first, and my body would be perfectly warm long after they had become numb. This may have been due to the lack of blood in my lower extremities during my great mental activity; however, it caused me much annoyance, and for hours after retiring to my couch the pain would drive slumber far from my pillow. I could find no remedy, at least, not until this particular night in mention, and then the remedy was not permanent by any means.

I had closed my books and turned slowly toward my bed, tired and sleepy, but filled with fear. I longed for the bliss of perfect rest; I longed for the warm foot-stone which my good mother used to place at my feet as she tucked the clothes about me and sang a lullaby; I feared the hours of wakefulness and suffering; I feared the morning, which would find me still tired and sleepy. I raised my hand to turn out the light, that the room might be as dark as my soul; but as my fingers touched the globe the warmth inspired me. A happy thought; there was heat, there was comfort. Quickly I unrolled the long extension and placed the incandescent lamp against my feet, between the sheets. Oh, how that warmth cheered me! The heat ascended to my body; comfort, contentment, and happiness were mine, and I dropped into peaceful slumber.

Peaceful, did I say? Ay, peaceful and blessed. I will never forget the dreams I dreamed that night. My body seemed to rise, and I felt myself being carried away, whither I knew not nor cared, so great was my peacefulness and trustfulness. I thought I was being carried away by the winds of night. I knew I was leaving this world, leaving Aggie, leaving study, leaving drill, and but one thought saddened me,—leaving her. I was approaching another world, and even at a distance I could see that it was beautiful. A delightful odor of flowers and perfumes reached my nostrils, and the sound of music, singing, and laughter came to my ears. Soon I could see the flowers and grass below, the waving trees and the little brooklets winding in and out through the shady groves. Happy faces were all around,—the faces of men, women, and children playing, and laughing, and dancing together, and continually singing a song of praise and joy. Joy filled my breast; I wished to dance and sing, but something held me back. No one appeared to notice me. I could not move; I seemed to be bound.

My inability to move caused me some uneasiness and doubt; was I to be permitted to watch this gay festival without taking any part myself? It seemed so, and I strained every muscle to escape from the clasp of my unseen fetters, but in vain; the effort exhausted me, and made me uncomfortable with heat. In fact, I had become quite heated; I felt the warmth of the sun; it was like a hot summer day, and we seemed to be approaching toward it rapidly. It was so; the grass and flowers were withering and drooping, the brooklets were becoming dry, a fine dust filled the air; I closed my eyes. As before, odors came to my nostrils,—not now of flowers and perfumes, but of smoke and fire; sounds came to my ears, not of singing and laughter, but of shrieks, and curses, and groans. I opened my eyes again. What a change!—no grass, no water, no trees! Where the grass and flowers had grown was now a bed of hot and shifting sand; where the streams had flowed was now but a pathway of stones; where trees had stood now alone remained charred and blackened trunks, from which darted forth hundreds of tongues of fire. The sands were burning my feet; a terrible fear had come over me,—my head was bursting with the mad thoughts rushing through my poor brain. I tried to cry out, but my throat was parched and choked; I could utter no sound. Again and again I struggled to free myself that I might fly from this horrible place, but it was of no avail. The effort exhausted me; dizziness was overcoming me; a terrible curse rent the air, and I fell.

The fall awoke me. I was stretched on the floor, the room was filled with smoke, and it was not till I recognized the voice that I realized that it

was my roommate and not the Devil who was standing over me kicking and swearing, and that I was still an inhabitant of this world. “Wake up!” he cried; “your bed’s on fire!” It all flashed through me in an instant,—that light.

It was but a little thing, but the lesson that I have learned will remain with me forever. I live through it all again each night as I lay me down to sleep; it comes back to me with redoubled force as I sit upon the steep banks of the ravine, and thoughtfully watch the mass of mouldy, half-burned bedclothes below me. My dear friends, you who are green as I was green, take heed from my experience and beware; no matter what you may hear, remember that you cannot be “too green to burn.”



That Shy Man.

There once came a man from Dover
Who loved to roll in the clover.
He was bashful, you bet,
Till Miss M-y he met,
And now his shyness is over.



From John Ingram.

Who fears to speak of Ninety-Eight?
Who trembles at the name?
And when one mentions the rope-pull date,
Who hangs their heads for shame?

Saturn and His Satellites.

Commonwealth of Massachusetts.

MASSACHUSETTS AGRICULTURAL COLLEGE.
President's Office.

H. H. GOODELL.

MASSACHUSETTS AGRICULTURAL COLLEGE.

Department of Mathematics and
Civil Engineering.

J. E. OSTRANDER. P. B. HASBROUCK.

MASSACHUSETTS AGRICULTURAL COLLEGE

Department of English.

GEORGE F. MILLS.
HERMAN BARSON.

MASSACHUSETTS AGRICULTURAL COLLEGE.

Department of Zoology.

C. H. FERNALD.
R. S. LULL

MASSACHUSETTS AGRICULTURAL COLLEGE.

Department of Chemical Science.

C. WELLINGTON.
E. R. FLINT.

MASSACHUSETTS AGRICULTURAL COLLEGE.

Department of Agriculture.

W. P. BROOKS.
F. S. COOLEY.

William H. Armstrong,

Department of Industrial Art.

MASS. AGRICULTURAL COLLEGE.

Department of Veterinary.

JAMES PAIGE.

MASS. AGRICULTURAL COLLEGE.

Department of Botany.

G. E. STONE.
R. E. SMITH.

MASS. AGRICULTURAL COLLEGE.

Department of Horticulture.

S. T. MAYNARD.

Answers to Correspondents.

NOTE.—For one reason or another we have neglected to answer a few of our letters. We take this occasion to do so.—ED.

F. H. T. It was purely an oversight that caused us to neglect to answer yours of October 16th. We will do what we can to atone for our carelessness, and will not print your name in the INDEX in connection with So. Hadley. Of course, we understand that the only reason you have for visiting Mt. Holyoke College so often is to see your “sister”; we know you do not care to see any other young lady there, although we do not know how many “sisters” you have. Certainly, we agree that that rude story around college about you is untrue; we know that you never could have said that you would become engaged to a young lady from “over the mountain” before the next military ball if it were necessary in order that the authorities would allow her to accompany you. We feel assured that you are utterly incapable of such a thing.



H. W. D. You neglected to enclose postage-stamp for reply. We will forward immediately upon receipt of two cents, or if you feel that you cannot bear the burden of the expense, send us a postal card and receive the information for half price.



F. G. S. That's all right, old man; we won't mention “the girl you love.” You might find consolation in singing that old refrain, “When you know the girl you love loves you.”



G. C. H. We thought it unnecessary to reply to you before. We agree with you most assuredly in regard to the matter of Class-day exercises. We are happy to learn that your class intends to hold such exercises, and we hope your expectations will be realized, and that you will be elected Campus Orator. We recognize the right of the Campus Orator to “roast” those who have “roasted” him, and we will hear what you have to say with great fortitude and humility. We suggest that you copy the style of the last Campus Orator if you wish to obtain notoriety.

BILL H. On account of the shortness of funds we disliked to pay the necessary postage, and consequently we have not yet explained our reasons for refusing to publish your name in the Faculty list. We will take this occasion to do so. It was not through any feeling of jealousy, as you supposed, because a fellow-student's name would appear in a more prominent place than our own; by no means, for we are perfectly satisfied with our position. You may have made the College; we have made the college annual. The reason was of an entirely different nature; it was purely the result of a compromise between two factions of the Board; one wanting the entry to be made, "Bill Henry Armstrong, Instructor of Industrial Art," and the other, "Bill Henry Armstrong, Instructor of Mechanical and Freehand Drawing." The first faction was very firm in its standing, and produced roll after roll of argument on its side. It claimed, and as you know claimed truthfully, that your special request was that the title, "Instructor of Industrial Art" be inserted. Another claim it presented was that the title applies very closely to you, you being a perfect sample of an "industrial art." You know "industrial" means "habitually diligent," and an "art" is a "device." The other faction, however, was equally firm, stating that in all things the "first should be foremost," and therefore your first request should receive the foremost consideration, and "Instructor of Mechanical and Freehand Drawing" should be your title. This title is also more explicit, and would give a better idea of your work to one unacquainted with the College. Of course we all understand that Professor — is teaching Mechanical Drawing under your immediate direction. Thus you see how matters stood, half against half, and each half made up of that invincible material which characterizes the entire class. There was nothing to do but compromise, and compromise we did, with what results you already know.

Many thanks for kind offer in regard to that other matter. Experience is a grand thing, and if we decide to publish a supplement to our INDEX we will certainly consult you, and accept your offer to help.



C—. We are sorry to say that we have no exchange list. We appreciate your kindness, and realize the value of the publications that you are editing: "My Intellect," a leaflet, by Percival C. Brooks, and "My Words," in ten volumes, by the same great man; but the subject is too deep for our undeveloped mind to understand, therefore we must decline to exchange.

The Squash-Pie Man.

WHEN mother called me to the house
And washed my face in bran,
And combed my hair, I knew there'd come
The squash-pie man.

The squash-pie man, he is so good,
He lets me search his van
To find the dainties that I like,
This squash-pie man.

Sometimes I eat a pie or two,
Or drink from out his can;
And then I think how good he is,
This squash-pie man.

One day when we were all alone,
A story he began;
And this was what was told me by
My squash-pie man:

One time, so very long ago,
Before my life began,
A learned young professor was
This squash-pie man.

He knew so lots the people stared,
As through the streets he ran,
And wondered how he learned so much,
The squash-pie man.

He knew all writings that were writ
By every kind of man;
And he himself could write a bit,
This squash-pie man.

He had a class so awful large,
That when it first began
He couldn't speak, he was afraid,
This squash-pie man.

One day he thought, and thought, and thought;
And then he had a plan:
He'd learn a trade that he could use,
This squash-pie man.



He'd learn a trade that he could use,
And straightway bought a pan,
And made a pie so nice and flat,
This squash-pie man.

At first it stuck onto the plate;
His troubles then began;
And then he didn't cook it through,
This squash-pie man.

But soon he found the proper way,
Saw how the trouble ran;
And then he started once again,
The squash-pie man.

Now, soon a good pie he could cook,—
Became a well-known man,—
And people flocked about to see
The squash-pie man.

He cooked so well he lost his job;
He had too good a plan:
The school could not support so great
A squash-pie man.

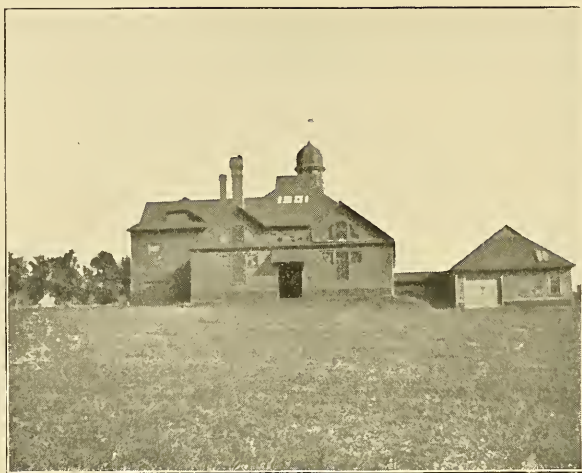
So all at once he found his life
In different channels ran;
A teacher once, but now he is
A squash-pie man.

So, little children, list to me:
Whenever you do plan
Your future life, take lesson by
The squash-pie man.

If dark theologies you'd teach,
Be certain, if you can,
To salt it with a spice, as did
This squash-pie man.

Don't put your eggs all in one boat,—
It's not the safest plan:
But do as I have told you did
My squash-pie man.

Sparks from a Grindstone.



*“Fool’s names, like their faces,
Always appear in public places.”*

—Anonymous.

Sparks from a Grindstone.

“Blessed is he who expects nothing, for he shall not be disappointed.”



“No man ever became extremely wicked all at once.”—*Graves*.

“I drink to the general joy of the whole table.”—*Gile*.

“I have been there, and still would go;
'Tis like a little heaven below.”—*North Amherst City*.

“Much of muchness.”—*1901 INDEX Board*.

“To the pure all things are pure.”—*Hash House*.

“Margaret, Margaret, where art thou?”—*Ahearn*.

“Cooking is an art—a noble science; Cooks are gentlemen.” (Exceptions to every rule.)

“Order No. ———.

All cadets are hereby prohibited from throwing snowballs through the windows.

Per order the Commandant.

W. S. FISHER, *1st Lieut. and Adj.*”

“He was a bold man that first ate an oyster.”—*The man from Fairhaven, no doubt*.

“Be somewhat scanner of your maiden’s presence.”—*Hinds*.

“Delightful task, to rear the tender thoughts; to teach the young idea how to shoot.”—*F. Cooley*.

“Over the hills and far away.”—*To Mill Valley*.

“The man who has no music in himself.”—*Freshman West*.

“Labor to my life no pleasure lends :

I love to dream ; there my ambition ends.”—*Pearson*.

“All nature wears one universal grin.”—*George Dana*.

“Sighed, and look’d unutterable things.”—*P. B. H-s-uk*.

“To him who in the love of woman holds communion with her visible form, she speaks a various language.”—*Bridgeforth*.

“The ruins of himself ! now worn away

With age, yet still majestic in decay.”—*Bill Henry A*.

“A man of unbounded stomach.”—*Clark*.

“Every man has his faults, and honesty is his.”—*Hunting*.

“That fellow seems to me to possess but one idea, and that is a wrong one.”—*H. W. Dana*.

“Respect the faculty that forms thy judgment.”—*Tabby*.

“The thought of my past years in me doth breed perpetual benediction.”—*R. S. L-l*.

“The best of what we do and are, just God, forgive.”—*West and Lewis*.

“Man delights not me ; no, nor women either.”—*Dickerman*.

“I was not always a man of woe.”—*Adams*.

“And ne’er did Grecian chisel trace

A nymph, or naiad, or a Grace

Of finer form or lovelier face.”—*Henry*.

“Old as I am, and for ladies’ love unfit,

The power of beauty I remember yet.”—*Sam Smith*.

“If the heart of man is depressed with cares,

The mist is dispelled when a woman appears.”—*Pingree*.

Bridgeforth's Defense.

(By our Special Correspondent.)



MR. PRESIDENT,

O MOST HONORABLE JUDGES :—

The stupendity of this most ignominious, insalubrious accusation is overwhelming to my personage. It is but an unsubstantiated, lamelliferous imbroglio, immethodically unformulated by characters of stillatitious honor, who labor, undoubtedly, under the hallucination that I am like a hemistich and my mind *in vacuo in propria persona*. But there is One supermundane who has maintained a surveillance over *le beau monde*, and with his adjacent succor I will demonstrate my impeccability ——*

* Our correspondent was overcome by the heat of the argument, and the rest of this magnificent defense has been lost to the world.

Amherst, Mass. 9/10/98
Received of A. C. Monahan,
Treasurer of the Class of 1900
N. A. C. Five Dollars in pay-
ment of damages.
C. S. Walker.

Men Whom We Have Met.



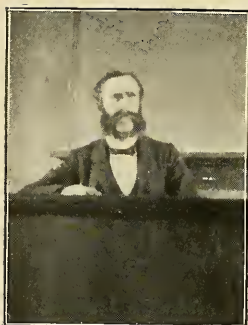
HENRY H. GOODELL.

THIS gentleman is boss of the ranch, and as such he exerts a potent influence amongst the cattle gathered together under his charge. His time is much occupied by numerous duties, and to facilitate the same, he is obliged to make use of two offices and numerous recitation rooms. He can be seen daily on the electric car that leaves Amherst at 7.40 A. M., and all business with this important individual should be conducted on that trip, as the gentleman will have had his breakfast, and will, therefore, be in a happy state of mind. He is noted for his largeness of heart, ready sympathy, and broad generosity, but far above all this, for his capacity for turning off an enormous quantity of work. He is familiarly known as "Prexy."



CHARLES A. GOESSMAN.

THIS gentleman is of German extraction. His fame abroad has been excelled by that which he has achieved while among us. His toying with various fertilizers has been of immense benefit to the farmer at large, as his deductions have always enabled the agriculturist to fight shy of fake corn raisers. He can be seen at the Experiment Station, surrounded by test tubes and assistants, while he enlarges upon some simply intricate formula for carbohydrates. His classes in the College are large and well patronized. Absences from his recitations never exceed five a day, and seldom equal that. He is a pleasant, jovial foreigner, with a charming home, where he dispenses his wide hospitality. This learned doctor is chiefly noted for having a son called "Charlie."



SAMUEL T. MAYNARD.

As a raiser of grafted trees and choice specimens of the grape fruits, this gentleman is a howling success. His private orchard upon the hill is an object of envy throughout the State, and is well patronized by members of the College during season. His private office, in the plant house, is ably run by an assistant, who endeavors to balance the two sides of his cash book whenever the necessity arises. Professor Maynard is an adept at building hothouses, and he endeavors to inculcate his principles wherever he finds fertile ground. His numerous trips about the country are well patronized by the Junior Class, and his lectures are listened to attentively by all who may have the good fortune to attend them. His rooms are situated upon the side of the hill, and are rather difficult to reach when the weather is inclement.



CHARLES WELLINGTON.

This gentleman is not a German by any means, although many people have been led to believe him such. He is, we believe, a purely born American citizen, with strong German tendencies. Many years ago he had the misfortune to graduate from the University of Göttingen with a long degree, and since that day he has partly severed himself from the traditions and customs of his native country. Dr. Wellington is noted chiefly as being the financial backer and general promoter of the K. K. K., an Assyrian letter fraternity, composed of members of his chemistry classes; of the Kniepe, a praiseworthy effort to establish German sociality among us; and of the Commers, a delightful reunion of alumni, where sauerkraut and muffins may be had with a speech and a cigar. Altogether the Doctor is a hard worker.



CHARLES H. FERNALD.

THIS is another member of our Faculty who delights in the name of Charles. He is a dealer in bugs, wholesale and retail. His store is well stocked, and it is no trouble to show goods. There is little loss in the business, as many of the bugs are raised on the premises. His time is spent chiefly between

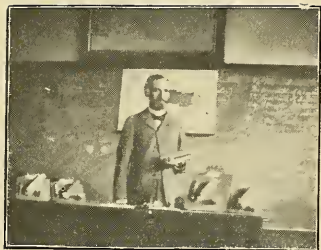
his home and Malden, where he goes frequently to meet some new Gypsy moth who does not happen to have the pleasure of his acquaintance. The doctor's circle of friends is very large, and he can generally recall a face once seen, whether it be within the bark of some spreading elm, or upon the uneven surface of our campus. This gentleman has a very pleasing smile and cordial handshake, but his dislike to all athletic games mars an otherwise perfect character.



REV. CHARLES S. WALKER.

THIS gentleman is a Ph.D.; he got it from Yale in 1870. Since then he has traveled much, his last journey being from his home beside the sumptuous Hash House down to East Street. As yet he has not returned. The doctor is an enthusiastic bicyclist, taking his daily exercise between the hours of seven thirty and ten in the morning, and whenever he finds companions he invariably sets the pace. He is noted for his numerous writings upon the money question and for his thoroughness

as a teacher of political economy, domestic economy, and college economy. He is a pleasant man to meet, and a charming conversationalist. We are not in a position to truthfully assert that the doctor can tell a good story when cornered, but judging from others of his cloth it would be safe to wager that he can. Anyway, he is a good listener.



WILLIAM P. BROOKS.

THIS member of the Faculty is a Japanese, although to see him in the recitation room, one could hardly believe it. He sports a decoration given him by the Emperor of Japan, and as there are but two others in the country, he has not pawned his yet. His knowledge of drainage is thorough and complete, and he is a successful raiser of strawberries in his back yard. As a man, he is a royal good fellow and a patriotic alumnus. His gift for oratory is good, but his ability to tell a good story is better. He can talk Japanese, for we have heard him, and his command of English is superb. His ideas relative to gentlemanly conduct at athletic games commend themselves to all sportsmen. His only curse is that he is the uncle of an irrepressible nephew who has not, as yet, reached the end of his rope.



GEORGE F. MILLS.

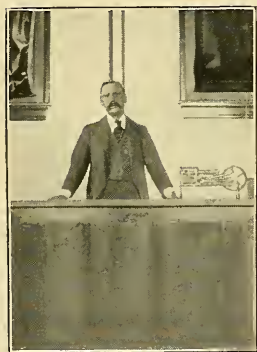
THIS gentleman is the most popular man in College on Wednesdays and Saturdays. His duties are varied. He is an expert mathematician and an accomplished linguist. His command of English in the classroom is something marvelous, and his acquaintance with the authors unlimited. His name at the bottom of a slip of paper has been known to bring tears of gratitude to the eyes of the laborer, and to make the delinquent weep with anguish. The prof. has many familiar names, which we will not give for obvious reasons; suffice it to say that he is one of the whitest men on the Faculty, and that is saying much.



JAMES B. PAIGE.

ANOTHER German of American extraction. The doctor's greatest delight is to cut up a horse in his little seven by nine laboratory. But this is a thing of the past, and we should not mention it. As a lobbyist the doctor is eminently successful, as the new Veterinary building testifies, and his field of work will be greatly extended. We have been told that

the doctor crossed the ocean once to get a glass of German beer; but as we did not obtain this statement from him personally it is not offered as authority. It is true, however, that the doctor ruined several gross of photographic films while on the other side of the pond, as can be proven from the pictures he brought back. The doctor's chief hobbies are market gardening and the raising of choice fowls; his inseparable companions, in rain or shine, are his wheel, weighing ninety-six and geared up to twenty-one, and a small, lively, insignificant black dog.



JOHN E. OSTRANDER.

THE newest one of all. This gentleman came to us from the wild and woolly West, where the inhabitants gamble on the weather and dodge cyclones. The professor is an adept at Trigonometry and Surveying. He can calculate the path of a planet, or tell the dimensions of a parabola, with lightning-like rapidity, but his greatest success is as a weather wizard. He can give the greatest varieties of climatic changes in the shortest

possible time on record, and he is infallible in prognosticating temperatures for the past month. The professor is blessed with forty-two titles given by various colleges, and two children. He is short,—physically, we mean,—with snapping black eyes, and his favorite diversion is to smoke in the weather room, with his feet upon the table. In this way he keeps tab on the storms, and records the times that the weather does not coincide with his predictions. For this latter work the College supplies him with ten tons of paper per month.



GEORGE E. STONE.

THIS gentleman dabbles in photography and the raising of tomato plants. He has a special hobby of going to Springfield, but it is perfectly harmless. Once upon a time he went to the Massachusetts Institute of Technology; but they got tired of him, and fired him out along with his diploma. He then went to Germany, but little is known of his work there except that he did not do very well, and came back to us with only a Ph.D. The doctor is, however, a fine fellow and a thorough connoisseur of beauty. His laboratory is a model for working purposes, and it has become the pride of his heart. Whenever extended botany trips are made the doctor is sure to be one of the party, and his lively disposition always enhances the fun. He rides a machine of the model of 1872, and it is painted yellow. This is to warn people of his presence when the night is dark.



WILLIAM M. WRIGHT.

THIS is the toughest man on the Faculty. He got it from the alkali plains out West, where he used to shoot Indians as one would kill partridges. He is an enthusiastic golf player and general athletic man. He used to have an interesting walk, but of late that has disappeared. He had the honor of accompanying the United States army into Cuba, where he got sick. This was not all that he got; he also got a furlough. His army adventures while in that tropical island were numerous and varied, but each and every episode redounded to his valor and patriotism. He has, unwittingly, become the idol of the boys, and whatever he says goes. His running mate used to be Elsie, but of late they have parted company, and the captain is going it alone; much to the disgust of Elsie.



HERMAN BABSON.

FOR the benefit of our many readers we would announce that this gentleman teaches English. He also writes English occasionally; and it is published semi-occasionally. However, the gentleman cannot claim as many rejection cards as we can, and we have often had the pleasure of reading doubtful sonnets and misty detective stories from his pen which gave him a large royalty. This gentleman's greatest characteristic is his versatility. He has been known to play divinely upon the accordion, to compose various dainties for the ear as well as for the palate, to cater to the eyes, and to officiate as bogus timekeeper in football fights. His favorite expression is, "Gentlemen, gentlemen!" which is but natural, as he is a perfect specimen himself. The only drawback to the character of this gentleman is that he will snap his camera and inflict his friends with pictures he does not want, and for which they have no use.



EDWARD R. FLINT.

THIS gentleman is a Chinaman. He can read his own laundry bill as readily as we can read INDEX manuscript. He can also talk Chinese; at least we have been told so. We once heard him fighting with his laundryman, and the Chinaman appeared to understand what was going on. When this gentleman is not thinking in Chinese he teaches Chemistry to a select few at college. His experiments in the classroom are noted for their incomplete results and their frequent explosions. He can get a student up to recite fewer times during a term than any other professor. When at home his time is spent mostly in smoking long-stemmed, small-bowled pipes, in which he places a pinch of brown sawdust and ravelings, which he calls tobacco. When abroad, he spends his time in a Chinese restaurant on Harrison Avenue, Boston, Mass., U. S. A.



FRED. S. COOLEY.

THIS gentleman keeps cows and corn. For a time he keeps them simultaneously, but, later, the cows absorb the corn. He is an expert farmer, and can tell a Southdown Tamworth from a Jersey bull. His knowledge of the care of Texas thoroughbreds and of Guernsey swine is only equaled by his erudite familiarity with the Devon Highland breed of race horses. He is a constant attendant at the county fairs, and generally he is surrounded by an attentive crowd of students, who hang breathlessly on his every word. His lectures are well patronized, and his recitations cut. As a man he is all that could be desired, and his ready smile is always an omen of good cheer; as a friend he is a great success, and as a citizen of Amherst he is very prominent.



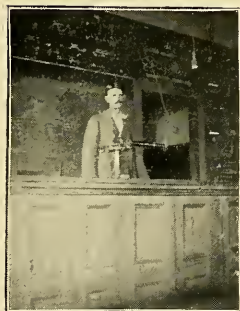
RICHARD S. LULL.

THIS gentleman comes from good old naval stock. He can trace back his lineage to old Josephus G. Lull, who was navigating officer upon the revenue cutter "Ark." At the present time the professor can point with pride to Santiago, Tampa, Montauk, and other noted places where his ancestors established history. This gentleman can name every bone in the human skull without making a mistake, and can, if given sufficient time, say the list backwards. His chum is called Maude (with the final e), and he is very sensitive if this boon comradeship is made light of. The professor is an athletic man of the deepest dye, and has been known to enter the football field at this late day. He is a scorcher, and has ridden to Hamp. inside of thirty minutes. Long runs are his specialty; but when taking one he always carries an extra crank shaft, as he has never yet ridden twenty miles without breaking one.



RALPH E. SMITH.

THIS gentleman runs the football team. That's all he ever does. He collects all football subscriptions when he can, and pays all bills whether he can or not. For a side issue he teaches botany and writes treatises on "Nematodes," which give him a narrow local reputation. He visited Germany last year, but returned soon, as the German waters did not agree with him. As a fellow he is one of the boys; as a teacher he is popular. His ability to draw a fairly good diagram has been highly spoken of, and his microscopic work is ever in demand. He can run over more botany collections in a short time than any other man. Altogether, he is a pleasant fellow to meet, a good friend to have, and a pleasing lecturer.



PHILIP B. HASBROUCK.

WE hardly know what to say of this gentleman. The ground has been pretty well covered already. His strongest point is his youthful face; his age is doubtful; but we feel safe in saying, in spite of the figure given as the date of his birth in the dedication of this book, that he is over seven and under forty-five. His forte in teaching is his earnest manner and impressive gestures. He is generally sprung on the Freshman Class with great success, and then given a rest for a year. His duties embrace the teaching of such subjects as naturally come under the head of mathematics, and many others that come under that head unnaturally. As a man and friend he is valuable, being generous, sympathetic, and kindly, and he always keeps open house for his students. His reputation as a mathematician is only excelled by that of his late master, the eminent Mr. Bowser.



NEWTON WALLACE.

THIS gentleman, although not directly connected with the Faculty, is, however, a very important individual. He can be seen at any hour of the day or night retailing his adventures during the Civil War. It was a misfortune that the gentleman was not drafted in the late Yanko-Spanko difficulty, as his stock of army reminiscences would have been materially improved, and a new and more recent gusto added to his manner of delivery. Besides his interesting lectures on civil history, Mr. Wallace is an adept at trick bicycle riding, and it is said that he has accepted the United States agency for a make of wheel that is wholly unique. This gentleman's performances upon his wheel have been known to make the judicious weep. A lucrative engagement with a traveling variety show has been offered him, but he has inconsiderately refused it, so that he might remain here with his assistant professor of electricity.



PROF. THOMAS CANAVAN.

THIS is the most popular man on the beach. He is, indeed, the only pebble on the campus. He is small, very small; slightly nervous, and exceedingly enthusiastic. His presence at a football game has been known to please the visiting team. His voice is loud and pleasant while giving the "Old Aggie" yell, and his gesticulations are a study for any one intent upon entering the dramatic profession. His frequent altercations with the referee give a spice to an otherwise tame and uninteresting exhibition. This gentleman has a den under the old chemical laboratory, and when he is not walking on the tar walks he can most surely be found there. His principal occupation is the painting out of numbers that may happen to be placed upon the walks and buildings by members of the various classes. Altogether, this gentleman is a success from every standpoint.



Editorial.

*THAT
PLEDGE.*

I hereby pledge myself, upon the honor of a gentleman, that so long as I am a student in the Massachusetts Agricultural College, I will abstain from any and all acts that may interfere with the personal rights or privileges of any fellow-student and which are commonly characterized as "hazing"; and from all acts that may involve, directly or indirectly, any defacement of, or damage to, any of the buildings or other property of the Commonwealth of Massachusetts that may be entrusted to the care of the officers of the Massachusetts Agricultural College.

Signed, Will B. Good.

Such is the pledge that all students entering Aggie are required to sign. Two classes have already done so,—that bad, bold Class of Nineteen Hundred and One and their immediate charge, the Class of Nineteen Hundred and Two. Some objection was raised, it is true, before the "deeds" were signed, for we know that all *men* hate to sign a pledge, no matter what may be its nature. Not that they are so highly in favor of doing the deeds which they thus sign away their "privilege" of doing,—not at all; they fully realize that such things would be far better left undone; but the very thought of having to give a written promise to be good, appears to them as an insult or a disgrace to their manhood. And it is a disgrace to their manhood that such a thing is necessary; a real disgrace when we pause to consider that in this most civilized country on the face of the globe, and in the most civilized institutions in this country, there still exists a tendency on the part of the students to destroy property and to interfere with the personal rights of their fellow-students. It is an absurd thing to destroy property anywhere, a perfect waste; it is a loss to the owner, and no gain to the destroyer. But however absurd it may be in other colleges, it is far more so in this institution that our State has established and maintains for us, and where she furnishes for us a free education and a fund on which we can live. All we have comes from her, and still we bite the hand that feeds us; and then we feel as if our

manhood is insulted when we are made to sign a pledge to refrain from a willful waste of State property. "We are being treated like children," we cry. We have acted like children.

Hazing, however, is a different thing. While it does not directly destroy property, it does very often indirectly. What a crowd of boys will do when on a hazing expedition is hard to tell, but its chief objection lies in another direction. Hazing is the remains of an old barbaric custom of initiation, handed down to us, not by such means as we would be naturally led to believe any obnoxious custom to come, but through our institutions of learning,—a source whence should come nothing but the best and the purest that the days gone by can give. It is with pleasure, however, that we mark the rapid disappearing of the custom, which was so universally prevalent a few years ago, and it is of interest to investigate the cause of its disappearance, and to find the true reason why it is being done away with. It may be that people are beginning to realize the evil resulting from the system, and, in consequence, it is dying a natural death. It may seem so on the surface; it should be so; but those who have probed deeper and gotten at the truth know that, although the death might be natural in time, where it has died it has in nearly every case been hastened or brought about abruptly by some serious accident. Somewhere they will find a man crippled by a bullet from a fellow-student whom he attempted to haze, or one crazed from the effects of cold water pumped upon a heated head by a reckless hazing party. This is the history of its death in many a college, and we should consider it a blessing if we could be rid of the nuisance by means of a simple pledge, and not wait for the climax to be capped by such means as it has elsewhere. We have had enough; it is time to call a halt in that direction. Aggie must not be too slow in joining the procession, and, while they lead in the right direction, following in the footsteps of other institutions of higher learning that are further advanced than we.



FRATERNITY

LODGES. It is with a feeling of encouragement that we notice the growing desire on the part of the different fraternities to possess fraternity lodges. We believe this is good; they draw the members together into a closer union and a deeper brotherly interest. They would remedy a long-felt want at Aggie—the lack of social life. A man's social training is as necessary to him as his manual or mental training. He must receive it sooner or later if he wishes to make a success of life; and is there any better time than while in college, or a better place

than at college? However, at Aggie it is very much wanting. There are but few social events during the year,—a hop or two, a few receptions, and the Military Ball. We are doing all we can with our limited means, but much is not possible. This is where the lodge houses will be of so much use. Look at any college where they do exist,—at our sister college to the south, for instance; we read of a musical in such and such a house last evening, or of a reception in such a house. Think of the advantages these men enjoy; the little wholesome pleasure is thrown in, and gives them vigor for their work and studies. When we enjoy such advantages, we will leave our Alma Mater and go into the social world and take our place side by side with the graduate of any college.



*MILITARY
BALL.*

The Military Ball is the greatest and the best thing that we have in this line. That the student body did not realize the importance of this, and were so lax as to let one year slip by without the ball being held, is one of those queer, inexplicable things that are always happening everywhere. However, the result of the last dance can leave no doubt as to its practicability and usefulness. Great credit is due to the committee in charge, who pushed the affair through so triumphantly against the fearful odds of the misgiving of their own hearts and the doubts of the entire College. Now, this coming winter there can be no doubts, no misgivings; we can all go into it heart and soul, and we will have a social event such as Aggie never heard of before.



*DISINTERESTED
STUDENTS.*

We have said that we are doing all that we can with our limited means; in one sense this is so, and in another it is not. Many of us, Faculty and students, are working hard to bring about a more social life; but in addition to the disadvantage of limited means, we are obliged to work against a far more serious trouble,—we encounter a lack of interest among a portion of the students themselves; the smaller portion, happily, but still a large enough portion to produce a feeling of discouragement in those who are endeavoring to do what they can to raise the standard of the College socially. It may seem strange that such a state should exist; it may be natural, for man is often blind to his best interest. We suppose that it exists to a certain extent in every college; but in a college where there is a large number

of students it is not apparent, for among the many it is easy to find plenty who are interested in such affairs. They do not miss the other element,—it is too unimportant; would that we found it so. Being a smaller college we *do* miss the support of this other element. To make an affair a success, we must have the hearty co-operation of *every man*. When we have a lecture, every man must be there; when we have a ball, every man must be present with his lady; when we give a reception to the trustees, or to any one else, every man should feel himself to be the host, and should feel that the entire responsibility of entertaining the guests rests upon himself personally.



MORE

MEN.

We do not purpose to enter into a long discussion on the question of why we do not have more men in college. It has been well talked over, and plan after plan suggested, and many, to a certain degree, have been carried out; still, the size of the entering classes do not give us much encouragement and hope for the immediate increase in the number of students. We are very sure our alumni are all good and loyal sons of their Alma Mater; they respond readily to many of our calls for help, and they seem to have the welfare of the College very close to their hearts. But there is one call to which they do not respond, and seem to make no effort to do so; it is our call for more men. It is on her alumni that every college depends for her new men, and it is on ours that we must depend for ours. It is true that our graduates are not holding the positions, and are not engaged in the occupations, which would bring them most directly into contact with young fellows who are looking for a college suitable for their wants. We have few men who are teaching school when we compare our number with the number of teachers from other colleges. Nevertheless, although thus handicapped, a little exertion would bring remarkable return. For example, look at the work of Fred A. Smith, of the Class of Ninety-Three. He is engaged in market gardening in Lynn, Mass., and from his town he has sent us this present year four good men. That is what a little exertion will do. If some of our other alumni would only exert themselves a little. We do not ask every alumnus to send us four men every year, but we would like one man every four years.

HONOR

SYSTEM.

A mutual agreement has been arranged between one of our classes and its instructors. It is an agreement on the part of each to be, in all dealings of whatever nature with the other, square, upright, and honest. This system of placing full trust in each other's honor, is known as the "Honor System," and is to be used in all college exercises in which the parties entering into the agreement are concerned. Although the system has been in use for several months now, we must still call it an experiment, for its application has been limited to a few, and those few make up the highest and most advanced class in the institution,—a class whose standing should, and probably does, place them above the need of any such arrangement. This affair corresponds exactly with that other affair, the matter of signing a pledge; in one case it is a matter of signing a pledge to be good, and in the other of signing a pledge to be honest. It is a primary school method, where the solemnity of affixing his name to a document, impresses the youngster with such awe that he dares not break his promise. In a man such means should be unnecessary; his manhood and honor should tell him the right from the wrong, and knowing the right should withhold him from doing the wrong. However, it does not always; men often act like children, and then they must be treated as children. As we have said, the "Honor System" is but an experiment yet, and requires more testing before it can safely be called a success. One of our Experiment Station officials has said, "I am never satisfied with an experiment until I can obtain the same results at least four times." Accordingly, if he wishes to determine the generating power of certain seeds under certain conditions, he divides his whole lot into four portions and treats each portion in precisely the same manner, and draws his conclusions from the four results. Our College is already divided into four portions; we wonder will the experiment ever be tried upon each portion, and if so how would the results compare?



ATHLETIC

UNION.

In the southern part of the town we have a sister college; not very loving sisters have we been, to be sure, but with a little effort on both sides all difficulties might be smoothed over, and we could become quite friendly. This effort should be made, especially when the doing so might prove so advantageous to us both. It is said that two colleges cannot exist in the same town and both prosper in athletics. This may be true and it may not; we think it is not if affairs are managed

properly. If the two set up for rivals, and are evenly enough matched to be formidable rivals, a great deal of unpleasantness will undoubtedly arise; if, however, they put all rivalry to one side, and use each other to develop themselves, the result would be good feelings toward each other, and a strong team to represent each, and, as a natural consequence, victories over all outsiders. The situation in Amherst in regard to these things might be improved. We have shown that we can be quite a formidable rival to Amherst College,—quite enough so as to cause her best men to work their hardest when we meet,—but we all know the feelings that result from such meetings; to say the least they are not very sisterly, or brotherly either. However, if, instead of doing as we do, we should use each other for a practice team, and practice together during the entire football and baseball seasons once a week, twice a week, or even every day when not engaged in a regular game, both teams would become used to some little opposition, and would go out and meet their opponents, not like green recruits, but like old war veterans. Why, with such a combination this old town of Amherst would ring with victories such as she has never seen before, even in her would fantastical dreams.



Reminiscences.

(Written for the Index by C. I. Goessman, '97.)



DOWN from the campus to green field and heather,
Ripe in the perfumes of rare June weather,
Touched by an artist whose secrets untold
Speak in the vision of red, green, and gold,
Wanders the Pilgrim from manhood's unrest,
Knowing such richness spread forth for a guest;
Welcome, thrice welcome to board and to sup
With the past and the present o'er one loving cup.
Hand-grasps and greetings to link with alloy,
Days of maturity to those of the boy.

For his delectation flowers bloom anew,
Jeweled as for bridal with opalescent dew;
Homely in meadows where kine graze all day,
Stately in garden 'neath shadows of bay,
Laugh they, and speak all the greetings to one
Who, lingering, muses on what time has done.

To the trees that we planted, now sturdy made
By wind, rain, and sunshine, an ample rich shade
For the rest of the noon hour, on cushions of green,
As merging their wealth into emerald sheen,
Low whispers in murmurs their tale of the dead,
Who lie with the memories of happy hours fled
In slumbers untempted to wake for the call
Of the seekers who wish but to batter the pall
Of friendships and troubles, too sacred to tell,
Slain in life's battle and draped where they fell.

Birds that are spring-born their song toast this hour,
Their monarch, the Present, wields despotic power ;
Bells in the towers and beats of the drum,
Join in a wedlock the days that are done,
Holy and solemn, with those that may be
Now shaping great destinies on land and sea ;
Building with wisdom thrones in an age,
Electing the ruler, charging the page ;
Giving to leaders the might which they hold,
Labeling the dross, revealing the gold.
Voices in chorus and songs on the wing,
Tremble in cadence and unchallenged ring
Over the turrets, through the loved halls.
Comrades in praises, where learning enthalls,
Drink at the fountain of knowledge and truth,
Changing to man's garb the vesture of youth,
Seeing, with eyes trained, the clearest of light,
Flecks in the sunshine and beams in the night.

As children have sung
By a fireside reformed,
So we sing Alma Mater
On our old college ground.



Alumni.

Massachusetts Agricultural College.

Alumni Club of Massachusetts.

Founded December 9, 1885.

Incorporated Nov. 11, 1890.



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A. A. BRIGHAM, '78.

C. O. FLAGG, '72.

A. C. CURTIS, '94.

Alumni.

* Deceased.

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COWLES, HOMER L., Amherst, Mass., Farmer.

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* HERRICK, FREDERICK ST. C., D. G. K., died Jan. 19, 1884, at Lawrence, Mass.

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WARE, WILLARD C., 225 Middle Street, Portland, Me., Manager Boston and Portland Clothing Co.

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- WOOLSON, GEORGE C., Lock Drawer E, Passaic, N. J., Grower and Dealer in Nursery Stock.

'72.

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- BRETT, WILLIAM F., D. G. K., Danbury, Conn., Merchant.
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- COWLES, FRANK C., 11 Foster Street, Worcester, Mass., Civil Engineer and Draughtsman, with Cutting, Bardwell & Co.
- CUTTER, JOHN C., M.D., D. G. K., 7 Gates Street, Worcester, Mass., Dermatologist.
- *DYER, EDWARD N., died March 17, 1891, at Holliston, Mass.
- EASTERBROOK, ISAAC II., Post-office address, Box 491, Webster, Mass., Farmer in Dudley, Mass.
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- FLAGG, CHARLES O., Kingston, R. I.
- GROVER, RICHARD B., 67 Ashland Street, Station S, Boston, Mass., Clergyman.
- HOLMES, LEMUEL LE B., Q. T. V., 38 North Water Street, New Bedford, Mass., District Attorney.
- HOWE, EDWARD G., Principal Preparatory School, University of Illinois, Urbana, Ill.
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- LIVERMORE, RUSSELL W., LL.B., Q. T. V., Pates, Roberson Co., N. C., Merchant and Manufacturer of Naval Stores.
- MACKIE, GEORGE, M.D., D. V. S., Q. T. V., Attleboro, Mass., Physician.
- MAYNARD, SAMUEL T., Amherst, Mass., Professor of Botany and Horticulture, Massachusetts Agricultural College.
- MOREY, HERBERT E., 31 Exchange Street, Boston, Mass., Numismatist and Philatelist.
- PEABODY, WILLIAM R., Q. T. V., Equitable Building, St. Louis, Mo., A. G. F. A., Mo. Pac. R. R.
- *SALISBURY, FRANK B, D. G. K., died '95, in Mashonaland, Africa.
- SHAW, ELLIOT D., 46 Dwight Street, Holyoke, Mass., Florist.
- SNOW, GEORGE H., Leominster, Mass., Farmer.
- *SOMERS, FREDERICK M., Q. T. V., died Feb. 2, 1894, at Southampton, Eng.
- THOMPSON, SAMUEL C., Ph. S. K., M. Amer. Soc. C. E., 950 East 166th Street, New York City, Civil Engineer, Paving and Grading Department.
- WELLS, HENRY, Q. T. V., 1410 G Street, N. W., Washington, D. C., Real Estate.
- WHITNEY, WILLIAM C., Q. T. V., Minneapolis, Minn., Architect.

'73.

- ELDRED, FREDERICK C., Sandwich, Mass., Cranberry and Poultry Raiser.

LELAND, WALTER S., D. G. K., Concord Junction, Mass., Teacher in Massachusetts Reformatory.

*LYMAN, ASAHIEL H., D. G. K., died of pneumonia at Manistee, Mich., Jan. 16, 1896.

MILLS, GEORGE W., M.D., 24 Salem Street, Medford, Mass., Physician.

MINOR, JOHN B., Q. T. V., 127 Arch Street, New Britain, Conn., Minor & Corbin, Manufacturers of Paper Boxes.

PENHALLOW, DAVID P., Q. T. V., Montreal, Canada, Professor of Botany and Vegetable Physiology, McGill University.

RENSHAW, JAMES B., B.D., Box 1935, Spokane, Washington, Farmer.

SIMPSON, HENRY B., Q. T. V., 2809 N Street, N. W., Washington, D. C., Coal Merchant.

WAKEFIELD, ALBERT T., B.A., M.D., Sheffield, Mass., Physician.

WARNER, SETH S., D. G. K., Northampton, Mass., Dealer in Agricultural Implements and Fertilizers.

WEBB, JAMES H., LL.B., D. G. K., corner Church and Crown Streets, New Haven, Conn., Alling & Webb, Attorney and Counsellor at Law, also Instructor of Law, Yale University.

WELLINGTON, CHARLES, Ph.D., D. G. K., Amherst, Mass., Associate Professor of Chemistry at Massachusetts Agricultural College.

WOOD, FRANK W., Chicago, Ill., 188 Forty-first Street, Civil Engineer.

'74.

BENEDICT, JOHN M., M.D., D. G. K., 18 Main Street, Waterbury, Conn., Physician and Surgeon.

BLANCHARD, WILLIAM H., Westminster, Vt., Teacher.

CHANDLER, EDWARD P., D. G. K., Maiden, Fergus Co., Mont., Wool Grower.

*CURTIS, WOLFRED F., died Nov. 8, 1878, at Westminster, Mass.

DICKINSON, ASA W., D. G. K., 1 Exchange Place, Jersey City, N. J., Dickinson, Thompson & McMaster, Lawyer.

HITCHCOCK, DANIEL G., Warren, Mass., Editor and Proprietor *Warren Herald*.

HOBBS, JOHN A., Salt Lake City, Utah, Proprietor *Rocky Mountain Dairy*.

LIBBY, EDGAR H., Lewiston, Idaho, President Lewiston Water and Power Co.

*LYMAN, HENRY, died Jan. 19, 1879, at Middlefield, Conn.

MONTAGUE, ARTHUR H., Granby, Mass., Post Office, South Hadley, Mass., Farmer.

PHELPS, HENRY L., Traveling Salesman, West Springfield, Mass.

SMITH, FRANK S., D. G. K., Tobacco Dealer, 1198 East Madison Avenue, Cleveland, Ohio.

WOODMAN, EDWARD E., Danvers, Mass., E. & C. Woodman, Florists and Garden Supplies.

ZELLER, HARRIE MCK., 145 West Washington Street, Hagerstown, Md., Canvasser for Publishing House

'75.

BARRETT, JOSEPH F., Ph. S. K., 29 Beaver Street, New York City, Traveling Salesman.

BARRI, JOHN A., 294 Washington Avenue, Bridgeport, Conn., Barri & Kirkham, Berkshire Mills, Coal, Hay, Grain, and Fertilizers.

BRAGG, EVERETT B., Q. T. V., Cleveland, Ohio, Chemist for the Grasselli Chemical Co.

BROOKS, WILLIAM P., Ph.D., Φ . Σ . K., Professor of Agriculture, Massachusetts Agricultural College.

BUNKER, MADISON, D. V. S., Newton, Mass., Veterinary Surgeon.

CALLENDER, THOMAS R., D. G. K., Northfield, Mass., Farmer.

CAMPBELL, FREDERICK G., Φ . Σ . K., Westminster, Vt., Farmer and Merino Sheep Raiser.

CARRUTH, HERBERT S., D. G. K., St. Michaels, Md., Business.

* CLARK, XENOS Y., Φ . Σ . K., died June 4, 1889, at Amherst, Mass.

* CLAY, JABEZ W., Φ . Σ . K., died Oct. 1, 1880, at New York City.

DODGE, GEORGE R., Q. T. V., Hamilton, Mass., P. O. address 18 Wenham Depot, Farmer.

HAGUE, HENRY, Φ . Σ . K., 527 Southbridge Street, Worcester, Mass., Clergyman.

HARWOOD, PETER M., Φ . Σ . K., Barre, Mass., Proprietor Hotel Barre.

KNAPP, WALTER H., Newtonville, Mass., Florist.

LEE, LAUREN K., 311 South Franklin Street, St. Paul, Minn., employ of St. Paul Fire and Marine Insurance Company.

MILES, GEORGE M., Miles City, Mont., Merchant and Stock Raiser.

OTIS, HARRY P., D. G. K., Florence, Mass., Superintendent Northampton Emery Wheel Co., Leeds, Mass.

RICE, FRANK H., Sixth and Berry Streets, with Harris Provision and Packing Co., San Francisco, Cal.; residence 609 East 15th Street, Oakland, Cal.

SOUTHWICK, ANDRE A., Φ . Σ . K., Taunton, Mass., Superintendent of the farm of Taunton State Lunatic Hospital.

WINCHESTER, JOHN F., D. V. S., Q. T. V., 392 Haverhill Street, Lawrence, Mass., Veterinarian.

'76.

BAGLEY, DAVID A., address unknown.

BELLAMY, JOHN, D. G. K., Bookkeeper for H. H. Hunt, Builder and Contractor, Webster Street, West Newton, Mass.

CHICKERING, DARIUS O., Enfield, Mass., Farmer.

DEUEL, CHARLES F., Q. T. V., Amherst, Mass., Druggist.

GUILD, GEORGE W. M., Q. T. V., Employ Robinson & Fox, 44 Broad Street, Boston.

HAWLEY, JOSEPH M., D. G. K., address unknown.

KENDALL, HIRAM, D. G. K., Banker and Broker, Weeden, Kendall & Co., Market Square, Providence, R. I.

LADD, THOMAS H., care of William Dadmun, Watertown, Mass.

MCCONNELL, CHARLES W., D. D. S., D. G. K., 170 Tremont Street, Boston, Mass., Dentist.

MACLEOD, WILLIAM A., B.A., LL.B., D. G. K., Tremont Building, Boston, Mass.,
MacLeod, Calver & Randall, Lawyer.

MANN, GEORGE H., Sharon, Mass., Superintendent Cotton Duck Mills.

MARTIN, WILLIAM E., Sioux Falls, South Dakota, Secretary of the Sioux Falls Candy
Co.

PARKER, GEORGE A., Φ. Σ. K., Superintendent Keney Park, Hartford, Conn.

PARKER, GEORGE L., 807 Washington Street, Dorchester, Mass., Florist.

PHELPS, CHARLES H., address unknown.

PORTER, WILLIAM H., Φ. Σ. K., Silver Hill, Agawam, Mass., Farmer.

POTTER, WILLIAM S., D. G. K., La Fayette, Ind., Lawyer, Rice & Potter.

ROOT, JOSEPH E., M.D., F. S. Sc., Φ. Σ. K., 49 Pearl Street, Hartford, Conn., Physician
and Surgeon.

SEARS, JOHN M., Ashfield, Mass., Farmer.

SMITH, THOMAS E., D. G. K., West Chesterfield, Mass., Hoop Manufacturer, H. B.
Smith & Son.

TAFT, CYRUS A., Whitinsville, Mass., Agent for Whitinsville Machine Works.

* URNER, GEORGE P., D. G. K., died April, 1897, at Wisley, Mont., from effusion of
blood on brain.

WETMORE, HOWARD G., M.D., 57 Tenth Street, New York, Physician.

* WILLIAMS, JOHN E., died Jan. 18. 1890, at Amherst, Mass.

'77.

BENSON, DAVID H., Q. T. V., North Weymouth, Mass., Chemist, with Bradley Fer-
tilizer Co.

BREWER, CHARLES, Holyoke, Mass., Farmer.

CLARK, ATHERTON, D. G. K., 19 Baldwin Street, Newton, Mass., in the firm of R. H.
Stearns & Co., Boston.

HIBBARD, JOSEPH R., Stoughton, Wis., Farmer.

HOWE, WALDO V., Q. T. V., 28 Broad Street, Newburyport, Mass., Superintendent
Anna Jaques Hospital.

NYE, GEORGE E., D. G. K., care of Swift & Co., U. S. Stock Yards, Chicago, Ill.,
Bookkeeper.

* PARKER, HENRY F., LL.B., died Dec. 21, 1897, at Brooklyn, N. Y.; result of fall from
bicycle, probably due to being run over by carriage.

PORTO, RAYMUNDO M. DA S., Φ. Σ. K., Para, Brazil, Teacher.

* SOUTHMAYD, JOHN E., Φ. Σ. K., died Dec. 11, 1878, at Minneapolis, Minn.

WYMAN, JOSEPH, 52 to 70 Blackstone Street, Boston, Mass., Clerk.

'78.

BAKER, DAVID E., M.D., Φ. Σ. K., 227 Walnut Street, Newtonville, Mass., Physician.

BOUTWELL, WILLIE L., Leverett, Mass., Farmer.

- BRIGHAM, ARTHUR A., Ph.D., Φ . Σ . K., Professor of Agriculture, R. I. College of Agriculture and Mechanic Arts, Kingston, R. I.
- CHIOATE, EDWARD C., Q. T. V., Readville, Mass., Manager Neponset Farms.
- COBURN, CHARLES F., Q. T. V., 272 Walker Street, Lowell, Mass., City Treasurer.
- FOOT, SANDFORD D., Q. T. V., Paterson, N. J., Vice President and General Manager of Kearney & Foot Co., File and Rasp Manufacturers.
- HALL, JOSIAH N., M.D., Φ . Σ . K., 1517 Stout Street, Denver, Col., Professor of Materia Medica and Therapeutics, University of Colorado, Physician.
- HEATH, HENRY G. K., LL.B., M.A., D. G. K., 54 Wall Street, New York City, Attorney and Counsellor at Law.
- HOWE, CHARLES S., Ph.D., Φ . Σ . K., 103 Cornell Street, Cleveland, Ohio, Professor of Mathematics, Case School of Applied Science.
- HUBBARD, HENRY F., Q. T. V., 94 Front Street, New York City, with J. H. Catherwood & Co., Tea Importers.
- HUNT, JOHN F., 32 Wild Wood Street, Winchester, Mass., Civil Engineer.
- LOVELL, CHARLES O., Q. T. V., 591 Broadway, New York, Agent Standard Dry Plate Co., residence New Rochelle, N. Y.
- LYMAN, CHARLES E., Middlefield, Conn., Farmer.
- MYRICK, LOCKWOOD, Hammonton, N. J., Farmer.
- OSGOOD, FREDERICK H., M. R. C. V. S., Q. T. V., Professor and Surgeon, Harvard Veterinary School, 50 Village Street, Boston, Mass.
- SPOFFORD, AMOS L., Φ . Σ . K., Home Address, Georgetown, Mass.; Private, Eighth Massachusetts Infantry, Camp Hamilton, Lexington, Ky.
- STOCKBRIDGE, HORACE E., Ph.D., D. G. K., Lake City, Florida, Professor of Agriculture at Florida State College.
- TUCKERMAN, FREDERICK, Ph.D., M.D., Q. T. V., Amherst, Mass.
- WASHBURN, JOHN H., Ph.D., D. G. K., Kingston, R. I., President of the Rhode Island State Agricultural College.
- WOODBURY, RUFUS P., Q. T. V., 3612 Campbell Street, Kansas City, Mo., Secretary of Kansas City Live Stock Exchange.

'79.

- DICKINSON, RICHARD S., Columbus, Platt Co., Neb., Farmer.
- GREEN, SAMUEL B., D. G. K., St. Anthony Park, Minn., Professor of Horticulture at the College of Agriculture of the University of Minnesota.
- RUDOLPH, CHARLES, LL.B., Q. T. V., Hotel Rexford, Boston, Mass., Lawyer and Real Estate Agent.
- SHERMAN, WALTER A., M.D., D. V. S., D. G. K., 182 Central Street, Lowell, Mass., Veterinarian.
- SMITH, GEORGE P., D. G. K., Sunderland, Mass., Farmer.
- SWAN, ROSCOE W., M.D., D. G. K., 41 Pleasant Street, Worcester, Mass., Physician.
- WALDRON, HIRAM E. B., Q. T. V., Hyde Park, Mass., Manager New England Telegraph and Telephone Co.

'80.

- FOWLER, ALVAN L., 137 Center Street, New York, Treasurer "The Mercer Co.,"
Engineers and Contractors, Steam, Hot Water Heating, etc.
- GLADWIN, FREDERIC E., Ph. S. K., 701 West 7th Street, Chester, Pa.
- LEE, WILLIAM G., D. G. K., Holyoke, Mass., Architect and Civil Engineer.
- MCQUEEN, CHARLES M., Ph. S. K., Chicago, Ill., Doorkeeper at Grand Opera House.
- PARKER, WILLIAM C., LL.B., Ph. S. K., Boston, Mass., Lawyer.
- RIPLEY, GEORGE A., Q. T. V., 36 Grafton Street, Worcester, Mass. In summer in
Hotel Business at Rutland, Mass.
- STONE, ALMON H., address, Wareham, Mass.

'81.

- BOWMAN, CHARLES A., C. S. C., First Assistant Engineer, Reservoir Department
Metropolitan Water Board. Residence, West Boylston.
- BOYNTON, CHARLES E., M.D., Physician, address unknown.
- CARR, WALTER F., Q. T. V., Chicago, Ill., Superintendent of Construction, Electric
Railroad of West Chicago City R. R.
- CHAPIN, HENRY E., M.S., C. S. C., Athens, Ohio, Professor of Biology at Ohio
University.
- FAIRFIELD, FRANK H., Q. T. V., 107 West Broadway, N. Y., Chemist, New York
Extract Co.
- FLINT, CHARLES L., Q. T. V., 25 Congress Street, Boston, Mass.
- HASHIGUCHI, BOONZO, D. G. K., Governor in Formosa, Taihoku, Ken.
- HILLS, JOSEPH L., D. G. K., King Street, Burlington, Vt., Director of the Vermont
Agricultural Experiment Station.
- HOWE, ELMER D., Ph. S. K., Marlboro, Mass., Farmer.
- PETERS, AUSTIN, D. V. S., M. R. C. V. S., Q. T. V., President Mass. Cattle Com-
mission, Commonwealth Building, Boston.
- RAWSON, EDWARD B., D. G. K., 226 East Sixteenth Street, New York City, Principal
Friends' Seminary.
- SMITH, HIRAM F. M., M.D., Orange, Mass., Physician.
- SPALDING, ABEL W., C. S. C., 2905 Third Avenue, South, Minneapolis, Minn.,
Architect and Engineer.
- TAYLOR, FREDERIC P., D. G. K., Athens, McMinn Co., Tennessee, Farmer.
- WARNER, CLARENCE D., D. G. K., Equitable Building, St. Louis, Mo., Employee of
Southern History Co.
- WHITAKER, ARTHUR, D. G. K., Needham, Mass., Dairy Farmer.
- WILCOX, HENRY H., D. G. K., address unknown.
- YOUNG, CHARLES E., M.D., White Plains, N. Y., Physician.

- ALLEN, FRANCIS S., M.D., D. V. S., C. S. C., 800 North Seventeenth Street, Philadelphia, Pa., Veterinary Surgeon.
- APLIN, GEORGE T., East Putney, Vt., Farmer.
- BEACH, CHARLES E., D. G. K., West Hartford, Conn., C. E. Beach & Co., Vine Hill and Ridge Farms, Farmer.
- BINGHAM, EUGENE P., C. S. C., Fairview, Orange County, Cal., Farmer.
- BISHOP, WILLIAM H., Φ. Σ. K., Newark, Del., Professor of Agriculture at Delaware Agricultural College.
- BRODT, HENRY S., Q. T. V., Rawlins, Wyo., Firm of J. W. Hugus & Co., General Merchandise.
- CHANDLER, EVERETT S., C. S. C., Mont Clare, Ill., Clergyman.
- COOPER, JAMES W., JR., D. G. K., Plymouth, Mass., Druggist.
- CUTTER, JOHN A., M.D., F. S. Sc., Φ. Σ. K., Heart Rest Sanatory for Chronic Diseases, Mott Avenue and 165th Street, New York City, Physician.
- DAMON, SAMUEL C., C. S. C., Lancaster, Mass., Brick Manufacturer.
- *FLOYD, CHARLES W., died Oct. 10, 1883, at Dorchester, Mass.
- GOODALE, DAVID, Q. T. V., Butte, Mont., with Colorado Smelting and Mining Co.
- HILLMAN, CHARLES D., Φ. Σ. K., Fresno City, Cal., Nurseryman and Stock Raiser.
- *HOWARD, JOSEPH H., Φ. Σ. K., died Feb. 13, 1889, at Minnesela, South Dakota.
- HOWE, GEORGE D., North Hadley, Mass., Farmer.
- KINGMAN, MORRIS B., Amherst, Mass., Florist.
- KINNEY, BURTON A., Φ. Σ. K., Representing Knowlton & Beach, Paper Box Machinery, Rochester, N. Y.
- MAY, FREDERICK G., Φ. Σ. K., Real Estate, Dorchester.
- MORSE, WILLIAM A., Q. T. V., 28 State Street, Boston, Mass.; Residence, 15 Auburn Street, Melrose Highlands, Clerk.
- MYRICK, HERBERT, 151 Bowdoin Street, Springfield, Mass., Editor-in-Chief of the *American Agriculturist*, *New York and New England Homesteads*, and *Farm and Home*.
- PAIGE, JAMES B., D. V. S., Q. T. V., Veterinary Surgeon and Professor of Veterinary Science at the Massachusetts Agricultural College.
- PERKINS, DANA E., 5 Elm Street, Somerville, Mass., Civil Engineer and Surveyor.
- PLUMB, CHARLES S., La Fayette, Ind., Director of Agricultural Experiment Station and Professor of Animal Industry and Dairying in Purdue University.
- SHIVERICK, ASA F., D. G. K., Chicago, Ill., Firm of Tobey Furniture Co.
- STONE, WINTHROP E., Ph.D., C. S. C., 501 State Street, La Fayette, Ind., Vice-Chancellor Purdue University and Professor of Chemistry at Purdue University.
- TAFT, LEVI R., C. S. C., Agricultural College, Mich., Professor of Horticulture and Landscape Gardening at Michigan Agricultural College.
- TAYLOR, ALFRED H., D. G. K., Plainview, Neb., Dairy Farmer.
- THURSTON, WILBUR H., Farmer, Grafton, Mass.

WILDER, JOHN E., D. G. K., 212-214 Lake Street, Chicago, Ill., Wilder & Co., Wholesale Leather Dealers.

WILLIAMS, JAMES S., Q. T. V., Glastonbury, Conn., Farmer.

WINDSOR, JOSEPH L., 187-189 La Salle Street, Chicago, Ill., Insurance and Loans.

'83.

BAGLEY, SIDNEY C., Ph. S. K., Residence, 43 Marcella Street, Boston, Clerk.

BISHOP, EDGAR A., C. S. C., Talladega, Ala., Farm Superintendent, Talladega College.

BRAUNE, DOMINGOS H., D. G. K., Parahyba do Sul, Rio Janeiro, Brazil, Director Agricultural Experiment Station, District of Rio Janeiro.

HEVIA, ALFRED A., Ph. S. K., 155 Broadway, New York City, Life Insurance Agent.

HOLMAN, SAMUEL M., JR., Q. T. V., 11 Pleasant Street, Attleboro, Mass., Real Estate Agent.

LINDSEY, JOSEPH B., Ph.D., C. S. C., Amherst, Mass., Chief of Department of Foods and Feeding, Hatch Experiment Station.

MINOTT, CHARLES W., C. S. C., 17 Park Avenue, West Somerville, Special Inspector, Gypsy Moth Department.

NOURSE, DAVID O., C. S. C., Blacksburg, Va., Professor of Agriculture at Virginia Agricultural College.

PRESTON, CHARLES H., D. G. K., Asylum Station, Mass., Farmer.

WHEELER, HOMER J., Ph.D., C. S. C., Kingston, R. I., Chemist, Rhode Island Experiment Station.

'84.

HERMS, CHARLES, Q. T. V., Salesman, 1917 North Marshfield Avenue, Chicago.

HOLLAND, HARRY D., Amherst, Mass., Hardware and Groceries, Holland & Gallond.

JONES, ELISHA A., Ph. S. K., Amherst, Mass., Superintendent Farm, Massachusetts Agricultural College.

SMITH, LEWELLYN, Q. T. V., 24 Yale Street, Springfield, Mass., Traveling Salesman Quinnipiac Co.

'85.

ALLEN, EDWIN W., Ph.D., C. S. C., 1718 Corcoran Street, Washington, D. C., Vice-Director, Office of Experiment Stations.

ALMEIDA, LUCIANO J. DE, D. G. K., Planter, Estacao de Formosa, E. F. Rezende à Bocaína, E. S. Paulo, Brazil.

BARBER, GEORGE H., M.D., Q. T. V., Annapolis, Md., Surgeon Naval Academy.

BROWNE, CHARLES W., Ph. S. K., Temple, N. H., Farmer.

GOLDTHWAIT, JOEL E., M.D., C. S. C., 378 Marlboro Street, Boston, Mass., Physician.

HOWELL, HEZEKIAH, Ph. S. K., Monroe, Orange County, N. Y., Farmer.

*LEARY, LEWIS C., died April 3, 1888, at Cambridge, Mass.

- PHELPS, CHARLES S., Storrs, Conn., Professor of Agriculture and Vice-Director of Storrs School Experiment Station.
- TAYLOR, ISAAC N., JR., D. G. K., 229 Stevenson Street, San Francisco, Cal., with San Francisco Gas and Electric Co.
- TEKIRIAN, BENONI, C. S. C., Traveling Salesman, address unknown.

'86.

- ATESHIAN, OSGAN H., C. S. C., 170 Tremont Street, Boston, Mass., Dealer in Oriental Rugs and Carpets.
- ATKINS, WILLIAM H., D. G. K., Burnside, Conn., Market Gardener.
- AYRES, WINFIELD, M.D., D. G. K., 112 West Ninety-fourth Street, New York City, Physician.
- CARPENTER, DAVID F., D. G. K., Deerfield, Mass., Principal Deerfield Academy.
- CLAPP, CHARLES W., C. S. C., Greenfield, Mass., Civil Engineer.
- DUNCAN, RICHARD F., M.D., Φ. Σ. K., Olneyville, Providence, R. I., Physician.
- EATON, WILLIAM A., D. G. K., Nyack, N. Y., Wholesale Lumber Salesman, 45 Broadway, New York City.
- FELT, CHARLES F. W., C. S. C., Box 232, Galveston, Tex., Chief Engineer, Gulf, Colorado and Santa Fé Railroad Co.
- MACKINTOSH, RICHARDS B., D. G. K., 30 Chestnut Street, Peabody, Mass., Foreman in J. B. Thomas's Wool Shop.
- SANBORN, KINGSBURY, Φ. Σ. K., 172 Olivewood Avenue, Riverside, Cal., Engineer for the Riverside Water Co.
- STONE, GEORGE E., Ph.D., Amherst, Mass., Professor of Botany, Massachusetts Agricultural College.
- STONE, GEORGE S., D. G. K., Otter River, Mass., Farmer.

'87.

- ALMEIDA, AUGUSTO L. DE, D. G. K., Coffee Commission Merchant, Rio Janeiro, Brazil.
- BARRETT, EDWARD W., D. G. K., Principal High School, Blackstone.
- CALDWELL, WILLIAM H., D. G. K., Peterboro, N. H., Secretary and Treasurer American Guernsey Cattle Club.
- CARPENTER, FRANK B., C. S. C., Richmond, Va., Chemist for Virginia and Carolina Chemical Co.
- CHASE, WILLIAM E., 26 Front Street, Portland, Ore., with Portland Coffee and Spice Co.
- DAVIS, FRED'K A., M.D., C. S. C., Steinert Building, 162 Boylston Street, Boston, Mass., Eye and Ear Specialist.
- FISHERDICK, CYRUS W., C. S. C., 231 South Eleventh Street, Lincoln, Neb., Attorney at Law, Webster & Fisherick.
- FLINT, EDWARD R., Ph.D., Q. T. V., Amherst, Mass., Assistant Professor of Chemistry at the Massachusetts Agricultural College.

FOWLER, FRED H., C. S. C., State House, Boston, Mass., First Clerk, State Board of Agriculture.

HOWE, CLINTON S., C. S. C., Marlboro, Mass., Farmer.

MARSH, JAMES M., C. S. C., 12 Ireson Avenue, Lynn, Mass., of the firm of G. E. Marsh & Co., Manufacturers of Good Will Soap.

MARSHALL, CHARLES L., D. G. K., 48 Stevens Street, Lowell, Mass., Market Gardener and Florist.

MEEHAN, THOMAS F. B., D. G. K., Room 345 Tremont Building, 73 Tremont Street, Boston, Mass., Attorney at Law.

OSTERHOUT, J. CLARK, Chelmsford, Mass., Farmer.

RICHARDSON, EVAN F., Φ. Σ. Κ., Millis, Mass., Farmer.

RIDEOUT, HENRY N. W., 7 Howe Street, Somerville, Mass., Paymaster's Office, Fitchburg Railroad, Boston, Mass.

TOLMAN, WILLIAM N., Φ. Σ. Κ., Private, Division B, Naval Brigade, M. V. M.

TORELLY, FIRMINO DA S., Cidade do Rio Grande do Sul, Brazil, Stock Raiser.

WATSON, CHARLES H., Q. T. V., Wool Exchange, West Broadway and Beach Street, New York, representing Wool Department for Swift & Co.

'88.

BELDEN, EDWARD H., C. S. C., 27 Alpine Street, Roxbury, Mass., Electrician.

BLISS, HERBERT C., D. G. K., Attleboro, Mass., Traveling Salesman with Bliss Bros.

BROOKS, FREDERICK K., C. S. C., 49 Washington Street, Haverhill, Mass., Shoe Manufacturer.

COOLEY, FRED S., Φ. Σ. Κ., Amherst, Mass., Assistant Professor of Agriculture at the Massachusetts Agricultural College.

DICKINSON, EDWIN H., C. S. C., North Amherst, Mass., Farmer.

FIELD, SAMUEL H., C. S. C., North Hatfield, Mass., Farmer.

FOSTER, FRANCIS H., Andover, Mass., Civil Engineer, Highway Commission.

HAYWARD, ALBERT I., C. S. C., Superintendent of farm of State Home and School, Providence, R. I.

HOLT, JONATHAN E., C. S. C., Andover, Mass., Farmer.

KINNEY, LORENZO F., Kingston, R. I., no business.

KNAPP, EDWARD E., D. G. K., 215 East Evans Avenue, Pueblo, Col., Foreman of B. F. Dept., Puella Smelting and Refining Co.

MISHIMA, VISCOUNT YATARO, D. G. K., Kojimachi, Tokyo, Japan, Member of House of Lords, Japanese Parliament.

MOORE, ROBERT B., C. S. C., Elizabethport, N. J., Chemist for Bowker Fertilizer Co.

NEWMAN, GEORGE E., Q. T. V., Lompoc, Santa Barbara Co., Cal., Superintendent Creamery.

NOYES, FRANK F., D. G. K., 37 Marietta Street, Atlanta, Ga., Electrical Engineer.

PARSONS, WILFRED A., Φ. Σ. Κ., Southampton, Mass., Farmer.

RICE, THOMAS, D. G. K., Fall River, Mass., Reporter for *Fall River Daily News*.

SHEPARDSON, WILLIAM M., C. S. C., Middlebury, Conn., Landscape Gardener.
SHIMER, BOYER L., Q. T. V., Bethlehem, Pa., Fruit Culture and Dairying.

'89.

BLAIR, JAMES R., Q. T. V., 386 Tremont Street, Boston, Mass., Chemist.
COPELAND, ARTHUR D., D. G. K., Campello, Mass., Market Gardener.
CROCKER, CHARLES S., D. G. K., Assistant Chemist, L. B. Darling Fertilizer Co., Pawtucket, R. I.
DAVIS, FRANKLIN W., Φ. Σ. K., Editorial Rooms, *Boston Journal*, Boston, Mass.
HARTWELL, BURT L., C. S. C., Kingston, R. I., Assistant Chemist, Rhode Island Experiment Station.
HUBBARD, DWIGHT L., C. S. C., Boston, Mass., Civil Engineer, City Engineer's Office.
HUTCHINGS, JAMES T., Φ. Σ. K., Thirty-first Street, above Girard Avenue, Philadelphia, Pa., Superintendent West End Electric Co.
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'90.

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* Deceased.



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William N. Tolman, '87, to Miss Maude Andrews, April 23, 1898, at Roxbury.

Cornelius M. Du Bois, '91, to Miss Mary S. Wood, June 29, 1898, at Winthrop.

Arthur D. Copeland, '89, to Miss Janet Lathrop, July 6, 1898, at West Bridgewater.

Judson L. Field, '92, to Miss Elizabeth Peck Field, Sept. 24, 1898, at Leverett.

Horace C. Burington, '96, to Miss Lulu G. Rice, June 22, 1898, at Greenfield.

Henry J. Field, '91, to Miss Myrtle Emerson, Oct. 5, 1898, at Waltham.

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Richard P. Lyman, '92, to Miss Annie Downing Evans, Feb. 16, 1898, at Hartford, Conn.

J. B. Hull, '91, to Miss Ethel Carin, Oct. 29, 1898, at Great Barrington, Mass.

E. O. Bagg, '95, to Miss Bessie May Hubbard, Oct. 26, 1898, at West Springfield, Mass.

William A. Eaton, '86, to Miss Laura E. Kimball, Oct. 28, 1898, at Brooklyn, N. Y.



In Conclusion.

WE are done ; our work is over ; our task is finished. Kind reader, who has perused our little book with care, to you we say we hope you are pleased. We aimed to please, and trust that we have been successful. If you have found your name in a prominent place, take the situation cheerfully : remember no malice goes with it ; forgive us, pass it over, and laugh at your neighbor whose name is in a more prominent place than your own.

We wish to thank those who have helped us in our work in any way : those who have given us kind advice or contributed to our literary columns. We thank our advertisers, without whose aid it would be impossible to publish our work ; and we trust that they will receive the entire patronage of the students and the friends of the College. We thank the Boards of the Classes of Ninety-Eight and Ninety-Nine for what assistance they have rendered us ; and while we extend our heartfelt sympathy to editors of the next INDEX, we will be happy to aid them in their great undertaking in any way that we may be able.

With malice toward none, and good will toward all, we will make our bow and say, " Adieu."



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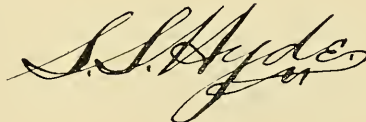
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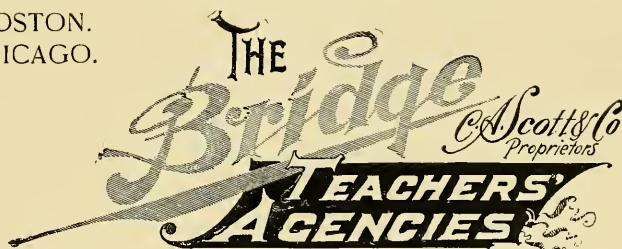
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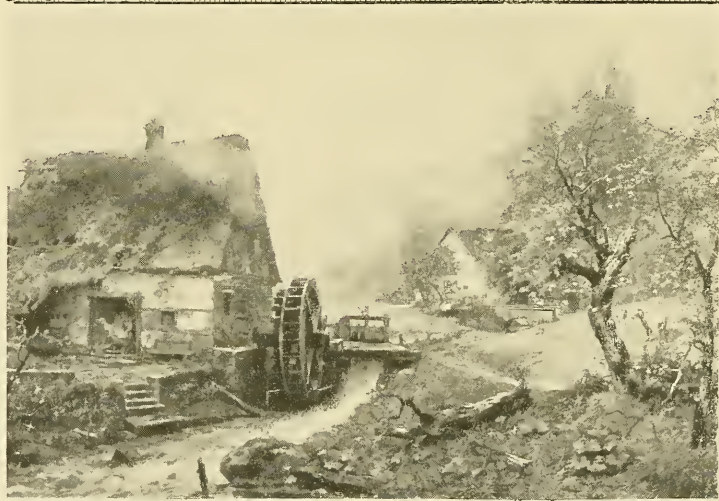
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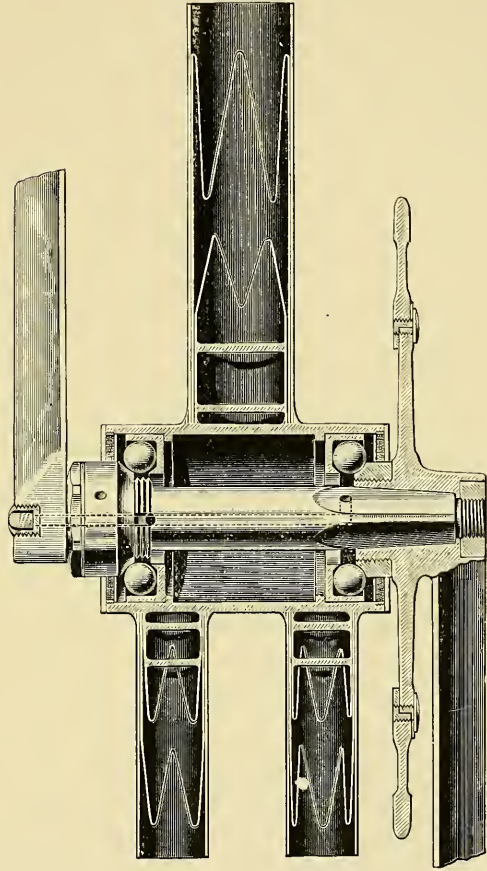
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